4-CH & 8-CH Digital Video Recorder

Quick Installation Guide
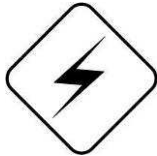
Version: 1.4

WARRINGS, CAUTION & COPYRIGHT

WARINGS

Reduce the risk of fire or electric shock. And do not expose this product to rain.

Do not insert any metallic object through ventilation grills.

CAUTION	
The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to presence of insinuated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons	The exclamation point within an equilateral rhombus is intended to alert the user to the presence of important operating and maintenance (servicing) instruction in the literature accompanying product.
RISK OF ELECTRIC SHOCK DO NOT OPEN	
TO REDUCE TE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE	

USER OF THE SYSTEM ARE RESPONSIBLE FOR CHECKING AND COMPLYING WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND STATUTES COIPCERNING THE MONITORING AND RECORDING OF VIDEO AND AUDIO SIGNAL. ULTRAK SHALL NOT BE HELD RESPONSIBLE FOR THE USE OF THIS SYSTEM IN VIOLATION OF CURREENT LAWS AND STATUTES.

1) **The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.**

2) **CAUTION-Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.**

3) **The apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.**

4) **The batteries installed shall not be exposed to excessive heat such as sunshine, fire or the like.**

5) **The plug or appliance coupler shall remain readily operable for the purpose of disconnection from the mains**

Package Accessories

Power Adaptor

IR Remote Controller and Batteries

USB Mouse

Software/Operation manual CD

1. Specification

KA-6614 (4CH)

OS System	Embedded Linux	Password Security	Multi-level password(3 levels,up to 18 accounts) protection
Comoression	H.264 - Video ; ADPCM - audio	RS-485	No
Multiplex operation	Simultaneous	DVD	No
Live Display	NTSC : 720x480 30 fps PAL : 720x576 25 fps	Event log	Yes
Split Screen	1/ 4/ CH	Buzzer	Yes
Freeze	Yes	Partitions	Configurable "Motion partition size" and "Auto-overwrite"
Sequential switch	User adjustable	Backup	USB 2.0,DVD-RW,DVD-R,card readers...
Live Digital Zoom	X2 X4	Protocol	TCP/IP,HTTP,PPPoE,DHCP,DDNS,FTP,TSP
Recording playback	NTSC : 720x480 60fps 720x240 120fps 360x240 120fps	Network	RJ-45 10/100 baseT Ethernet connector
	PAL : 720x576 50fps 720x288 100fps 360x288 100fps	Web	Remote setup,monitoring backup
Waltermark	Yes		Remote software upgrade
Recording Mode	"Manual" "Schedule" "Alarm" "Motion"		IE software for Multiple DVRs (64ch Display on Screen)
Pre-record Mode	0-10 sec		Configurable HTTP/Control/Data port
Post-record time	0-60 minutes	E-mail	Notification to stationary or mobile devices
Playback Search	Video Loss,Event,Date/Time,Smart search	Video	4 split screen display & SEQ mode for IE
Main monitor	BNC x 1 , 1Vp-p/ 75ohm ,		Electronics maps
Call monitor	No		Dual streaming live view
VGA monitor	VGA D-SUB x1	FTP	Alarm video/audio file storage
Loss detection	Yes	HDD	1 sets of 3.5" SATA HDD
Motion detection	Support configurable detection area & sensitivity	Watch Dog Timer	Yes
Audio input	2 RCA-jack connectors (100m V-2Vrms)	Remote user	Up to login 6 User
Audio Output	1 RCA-jack connectors (up to 2 Vrms)	Bandwidth	TCP/IP type dynamic sliding windows control
Alarm Input	No	Remote stations	PC base,smart phone,or PDA
Alarm Output	No	Dimension / Weight	220(W)x190(D)x45(H) mm
Trigger	Video Loss,Motion	Power support	DC 12V
Multi-Langage	Chinese/English/Japanese/French/Spanish Polish/Russian	Temperature	0℃~+45℃
	Turkish/Greek/Portuguese/Korean/Italian/...ODM welcome	Timer	Built-in real tie clock
System recovery	Auto power on after power loss recovery		

KA-6618 (8CH)

|			
OS System	Embedded Linux	Password Security	Multi-level password(3 levels,up to 18 accounts) protection
Comoression	H.264 - Video ; ADPCM - audio	RS-485	2-pin for connector for keyboard / PTZ control
Multiplex operation	Simultaneous "Record,Live,Playback,Backup,Control&Remote"	DVD	No
Live Display	NTSC : 720x480 30 fps PAL : 720x576 25 fps	Event log	Yes
Split Screen	1/ 4/ 7/8CH	Buzzer	Yes
Freeze	Yes	Partitions	Configurable "Motion partition size" and "Auto-overwrite"
Sequential switch	User adjustable	Backup	USB 2.0,DVD-RW,DVD-R,card readers...
Live Digital Zoom	X2 X4	Protocol	TCP/IP,HTTP,PPPoE,DHCP,DDNS,FTP,TSP
Recording playback	NTSC : 720x480 60fps 720x240 120fps 360x240 200fps	Network	RJ-45 10/100 baseT Ethernet connector
	PAL : 720x576 50fps 720x288 100fps 360x288 200fps	Web	Remote setup,monitoring backup
Waltermark	Yes		Remote software upgrade
Recording Mode	"Manual" "Schedule" "Motion"		IE software for Multiple DVRs (64ch Display on Screen)
Pre-record Mode	0-10 sec		Configurable HTTP/Control/Data port
Post-record time	0-60 minutes	E-mail	Notification to stationary or mobile devices
Playback Search	Video Loss;Event;Date/Time,Smart search	Video	4 split screen display & SEQ mode for IE
Main monitor	BNC x 1 ; 1Vp-p/ 75ohm ,		Electronics maps
Call monitor	No		Dual streaming live view
VGA monitor	VGA D-SUB x1	FTP	Alarm video/audio file storage
Loss detection	Yes	HDD	1 sets of 3.5" SATA HDD
Motion detection	Support configurable detection area & sensitivity	Watch Dog Timer	Yes
Audio input	2 RCA-jack connectors (100m V-2Vrms)	Remote user	Up to login 6 User
Audio Output	1 RCA-jack connectors (up to 2 Vrms)	Bandwidth	TCP/IP type dynamic sliding windows control
Alarm Input	4 In	Remote stations	PC base,smart phone,or PDA
Alarm Output	1 Out	Dimension / Weight	290(W)x240(D)x58(H) mm
Trigger	Sensor;Video Loss;Motion	Power support	DC 12V
Multi-Langage	Chinese/English/Japanese/French/Spanish Polish/Russian	Temperature	0°C~+45°C
	Turkish/Greek/Portuguese/Korean/Italian/...ODM welcome	Timer	Built-in real tie clock
System recovery	Auto power on after power loss recovery		

KA-6714 (4CH)

OS System	Embedded Linux	Password Security	Multi-level password(3 levels,up to 18 accounts) protection
Comoression	H.264 - Video ; ADPCM - audio	RS-485	2-pin for connector for keyboard / PTZ control
Multiplex operation	Simultaneous	Event log	Yes
Live Display	NTSC : (Full D1) 30 fps PAL : (Full D1) 25 fps	Buzzer	Yes
Split Screen	1/ 4/ CH	Partitions	Configurable "Motion partition size" and "Auto-overwrite"
Freeze	Yes	Backup	USB 2.0,DVD-RW,DVD-R,card readers...
Sequential switch	User adjustable	Protocol	TCP/IP,HTTP,PPPoE,DHCP,DDNS,FTP,TSP
Live Digital Zoom	X2 X4	Network	RJ-45 10/100 baseT Ethernet connector
Recording playback	NTSC : (Full D1) 60fps (Half D1) 120fps	Web	Remote setup,monitoring backup
	PAL : (Full D1) 50fps (Half D1) 100fps		Remote software upgrade
Waltermark	Yes		I.E software for Multiple DVRs (64ch Display on Screen)
Recording Mode	"Manual" "Schedule" "Alarm" "Motion"		Configurable HTTP/Control/Data port
Pre-record Mode	0-10 sec	E-mail	Alarm notification to stationary or mobile devices
Post-record time	0-60 minutes	Video	4 split screen display & SEQ mode for I.E
Playback Search	Video Loss,Alarm,Event,Date/Time,Smart search		Electronics maps
Main monitor	BNC x 1 , 1Vp-p/ 75ohm ,		Dual streaming live view
Call monitor	No	FTP	Alarm video/audio file storage
VGA monitor	VGA D-SUB x1	Watch Dog Timer	Yes
Loss detection	Yes	Remote user	Up to login 6 User
Motion detection	Support configurable detection area & sensitivity	Bandwidth	TCP/IP type dynamic sliding windows control
Audio input	2 RCA-jack connectors (100m V-2Vrms)	Remote stations	PC base,smart phone,or PDA
Audio Output	1 RCA-jack connectors (up to 2 Vrms)	Dimension / Weight	290(W)x240(D)x58(H) mm
Alarm Input	4 In	Power support	DC 12V
Alarm Output	2 Out	Temperature	0°C~ +45°C
Trigger	Sensor Alarm,Video Loss,Motion	Timer	Built-in real tie clock
Multi-Langage	Chinese/English/Japanese/French/Spanish Polish/Russian		
	Turkish/Greek/Portuguese/Korean/Italian/...ODM welcome		
System recovery	Auto power on after power loss recovery		

KA-7818 (8CH)

OS System	Embedded Linux	Password Security	Multi-level password(3 levels,up to 18 accounts) protection
Comoression	H.264 - Video ; ADPCM - audio	RS-485	2-pin for connector for keyboard / PTZ control
Multiplex operation	Simultaneous	DVD	Internal DVD models : DVD-RW,DVD-R (option)
Live Display	NTSC : (Full D1) 30 fps PAL : (Full D1) 25 fps	Event log	Yes
Split Screen	1/ 4/ CH	Buzzer	Yes
Freeze	Yes	Partitions	Configurable "Motion partition size" and "Auto-overwrite"
Sequential switch	User adjustable	Backup	USB 2.0,DVD-RW,DVD-R,card readers...
Live Digital Zoom	X2 X4	Protocol	TCP/IP,HTTP,PPPoE,DHCP,DDNS,FTP,TSP
Recording playback	NTSC : (Full D1) 60fps (Half D1) 120fps	Network	RJ-45 10/100 baseT Ethernet connector
	PAL : (Full D1) 50fps (Half D1) 100fps	Web	Remote setup,monitoring backup
Waltermark	Yes		Remote software upgrade
Recording Mode	"Manual" "Schedule" "Alarm" "Motion"		I.E software for Multiple DVRs (64ch Display on Screen)
Pre-record Mode	0-10 sec		Configurable HTTP/Control/Data port
Post-record time	0-60 minutes	E-mail	Alarm notification to stationary or mobile devices
Playback Search	Video Loss,Alarm,Event,Date/Time,Smart search	Video	4 split screen display & SEQ mode for I.E
Main monitor	BNC x 1 , 1Vp-p/ 75ohm ,		Electronics maps
Call monitor	No		Dual streaming live view
VGA monitor	VGA D-SUB x1	FTP	Alarm video/audio file storage
Loss detection	Yes	HDD	2 sets of 3.5" SATA HDDs,or (One HDD change DVD)
Motion detection	Support configurable detection area & sensitivity	Watch Dog Timer	Yes
Audio input	2 RCA-jack connectors (100m V-2Vrms)	Remote user	Up to login 6 User
Audio Output	1 RCA-jack connectors (up to 2 Vrms)	Bandwidth	TCP/IP type dynamic sliding windows control
Alarm Input	4 In	Remote stations	PC base,smart phone,or PDA
Alarm Output	2 Out	Dimension / Weight	290(W)x240(D)x58(H) mm
Trigger	Sensor Alarm,Video Loss,Motion	Power support	DC 12V
Multi-Langage	Chinese/English/Japanese/French/Spanish Polish/Russian	Temperature	0°C ~ +45°C
	Turkish/Greek/Portuguese/Korean/Italian/...ODM welcome	Timer	Built-in real tie clock
System recovery	Auto power on after power loss recovery		

KA-2814 (4CH)

OS System	Embedded Linux	Password Security	Multi-level password(3 levels,up to 18 accounts) protection
Comoression	H.264 - Video ; ADPCM - audio	RS-485	No
Multiplex operation	Simultaneous	DVD	No
Live Display	NTSC : (Full D1) 30 fps PAL : (Full D1) 25 fps	Event log	Yes
Split Screen	1/ 4/ CH	Buzzer	Yes
Freeze	Yes	Partitions	Configurable "Motion partition size" and "Auto-overwrite"
Sequential switch	User adjustable	Backup	USB 2.0,DVD-RW,DVD-R,card readers...
Live Digital Zoom	X2 X4	Protocol	TCP/IP,HTTP,PPPoE,DHCP,DDNS,FTP,TSP
Recording playback	NTSC : (Full D1) 60fps (Half D1) 120fps	Network	RJ-45 10/100 baseT Ethernet connector
	PAL : (Full D1) 50fps (Half D1) 100fps	Web	Remote setup,monitoring backup
Waltermark	Yes		Remote software upgrade
Recording Mode	"Manual" "Schedule" "Motion"		I.E software for Multiple DVRs (64ch Display on Screen)
Pre-record Mode	0-10 sec		Configurable HTTP/Control/Data port
Post-record time	0-60 minutes	E-mail	Alarm notification to stationary or mobile devices
Playback Search	Video Loss/Event,Date/Time,Smart search	Video	4 split screen display & SEQ mode for I.E
Main monitor	BNC x 1 , 1Vp-p/ 75ohm ,		Electronics maps
Call monitor	No		Dual streaming live view
VGA monitor	VGA D-SUB x1	FTP	Alarm video/audio file storage
Loss detection	Yes	HDD	1 sets of 3.5" SATA HDD
Motion detection	Support configurable detection area & sensitivity	Watch Dog Timer	Yes
Audio input	2 RCA-jack connectors (100m V-2Vrms)	Remote user	Up to login 6 User
Audio Output	1 RCA-jack connectors (up to 2 Vrms)	Bandwidth	TCP/IP type dynamic sliding windows control
Alarm Input	No	Remote stations	PC base,smart phone,or PDA
Alarm Output	No	Dimension / Weight	330(W)x290(D)x70(H) mm
Trigger	Video Loss,Motion	Power support	DC 12V
Multi-Langage	Chinese/English/Japanese/French/Spanish Polish/Russian	Temperature	0°C~ +45°C
	Turkish/Greek/Portuguese/Korean/Italian/...ODM welcome	Timer	Built-in real tie clock
System recovery	Auto power on after power loss recovery		

LCD General Specification

|			
Screen Diagonal	307.9mm (W')	Active Area	261.12mm(H)x163.20mm(V)
Pixels H x V	1280x3(RGB) x 800	Pixel Pitch	0.204mm x 0.204mm
Pixel Arrangement	R.G.B Vertical Stripe	Display Mode	Normally White
White Luminance	220 typ. (5 points average)187 min. (5 points average)	Luminance Uniformity	1.25 max. (5 points)
Surface Treatment	AG	Contrast Ratio	500 typ
Respones Time	16 typ / 25 Max	Nominal Input Voltage VDD	3.3 ty
Power Consumption	4.3 max.	Weight	270 max.
Physical Size	L=276.3mm W=178.6mm T=5.5mm	Eletrical Interface	1 channel LVDS

KA-2818 (8CH)

OS System	Embedded Linux	Password Security	Multi-level password(3 levels,up to 18 accounts) protection
Comoression	H.264 - Video ; ADPCM - audio	RS-485	2-pin for connector for keyboard / PTZ control
Multiplex operation	Simultaneous	DVD	No
Live Display	NTSC : (Full D1) 30 fps PAL : (Full D1) 25 fps	Event log	Yes
Split Screen	1/ 4/ CH	Buzzer	Yes
Freeze	Yes	Partitions	Configurable "Motion partition size" and "Auto-overwrite"
Sequential switch	User adjustable	Backup	USB 2.0,DVD-RW,DVD-R,card readers...
Live Digital Zoom	X2 X4	Protocol	TCP/IP,HTTP,PPPoE,DHCP,DDNS,FTP,TSP
Recording playback	NTSC : (Full D1) 60fps (Half D1) 120fps	Network	RJ-45 10/100 baseT Ethernet connector
	PAL : (Full D1) 50fps (Half D1) 100fps	Web	Remote setup,monitoring backup
Waltermark	Yes		Remote software upgrade
Recording Mode	"Manual" "Schedule" "Alarm" "Motion"		I.E software for Multiple DVRs (64ch Display on Screen)
Pre-record Mode	0-10 sec		Configurable HTTP/Control/Data port
Post-record time	0-60 minutes	E-mail	Alarm notification to stationary or mobile devices
Playback Search	Video Loss,Alarm,Event,Date/Time,Smart search	Video	4 split screen display & SEQ mode for I.E
Main monitor	BNC x 1 , 1Vp-p/ 75ohm ,		Electronics maps
Call monitor	No		Dual streaming live view
VGA monitor	No	FTP	Alarm video/audio file storage
Loss detection	Yes	HDD	1 sets of 3.5" SATA HDD
Motion detection	Support configurable detection area & sensitivity	Watch Dog Timer	Yes
Audio input	2 RCA-jack connectors (100m V-2Vrms)	Remote user	Up to login 6 User
Audio Output	1 RCA-jack connectors (up to 2 Vrms)	Bandwidth	TCP/IP type dynamic sliding windows control
Alarm Input	4 In	Remote stations	PC base,smart phone,or PDA
Alarm Output	2 Out	Dimension / Weight	330(W)x290(D)x70(H) mm
Trigger	Sensor Alarm,Video Loss,Motion	Power support	DC 12V
Multi-Langage	Chinese/English/Japanese/French/Spanish Polish/Russian	Temperature	0℃~ +45℃
	Turkish/Greek/Portuguese/Korean/Italian/...ODM welcome	Timer	Built-in real tie clock
System recovery	Auto power on after power loss recovery		

LCD General Specification

Screen Diagonal	307.9mm (W')	Active Area	261.12mm(H)x163.20mm(V)
Pixels H x V	1280x3(RGB) x 800	Pixel Pitch	0.204mm x 0.204mm
Pixel Arrangement	R.G.B Vertical Stripe	Display Mode	Normally White
White Luminance	220 typ. (5 points average)187 min. (5 points average)	Luminance Uniformity	1.25 max. (5 points)
Surface Treatment	AG	Contrast Ratio	500 typ
Respones Time	16 typ / 25 Max	Nominal Input Voltage VDD	3.3 ty
Power Consumption	4.3 max.	Weight	270 max.
Physical Size	L=276.3mm W=178.6mm T=5.5mm	Eletrical Interface	1 channel LVDS

2. The 4 Channel Front Panel (KA-6614)
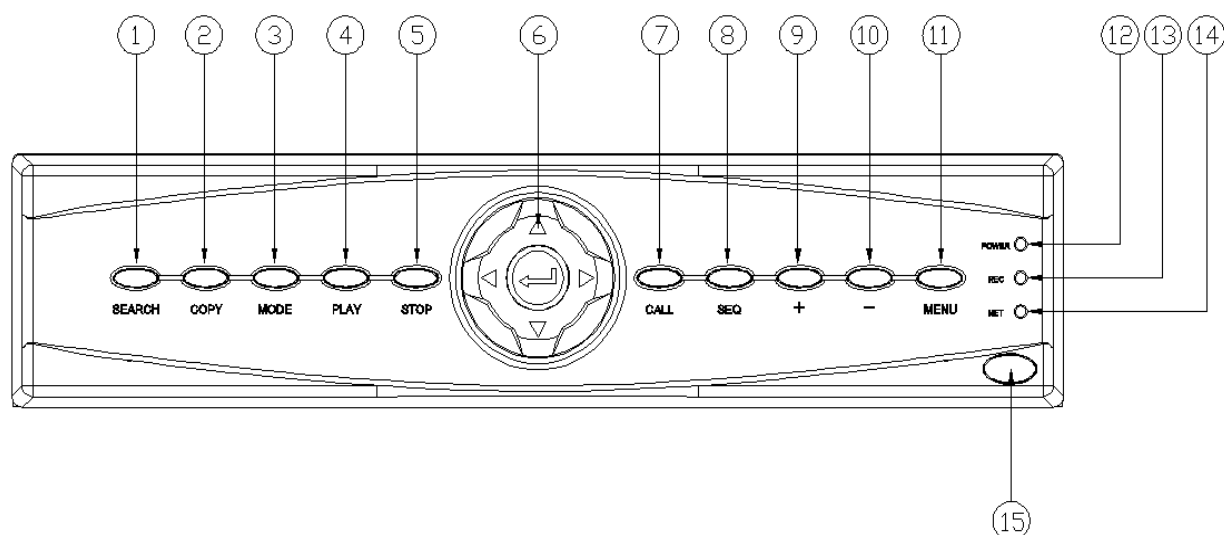
Function Interface					
1	Search	8	SEQ	15	IR Receiver
2	Copy	9	$+$		
3	Mode	10	$-$		
4	Play / Pause	11	MENU /ESC		
5	Stop	12	Power LED		
6	Direction Control	13	Rec LED		
7	CALL	14	Network LED		

3. The 4 Channel Front Panel (KA-6714)
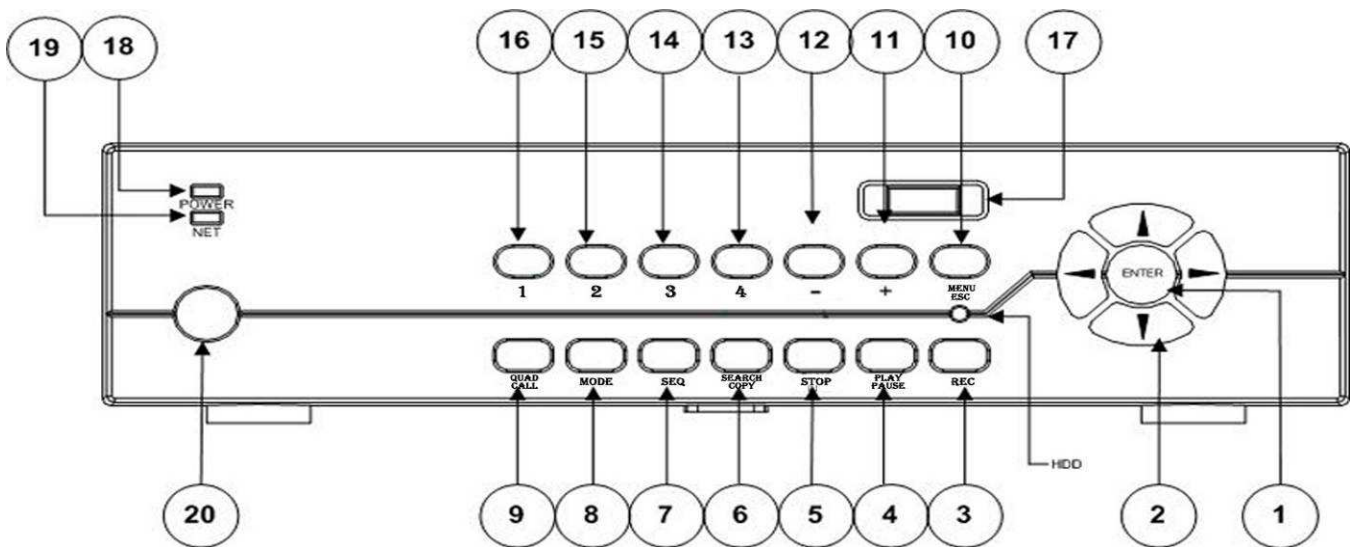
Function Interface							
1	ENTER	8	Mode	15	Channel 2
2	Direction Control	9	QUAD/CALL	16	Channel 1
3	Recording	10	MENU /ESC	17	USB Backup
4	Play / Pause	11	+	18	Power LED
5	Stop	12	−	19	Network LED
6	Search/ Copy	13	Channel 4	20	IR Receiver
7	SEQ	14	Channel 3		

NOTE :

The BACKUP function means the COPY function in the DVR setting

3. The 8 Channel Front Panel (KA-6618)
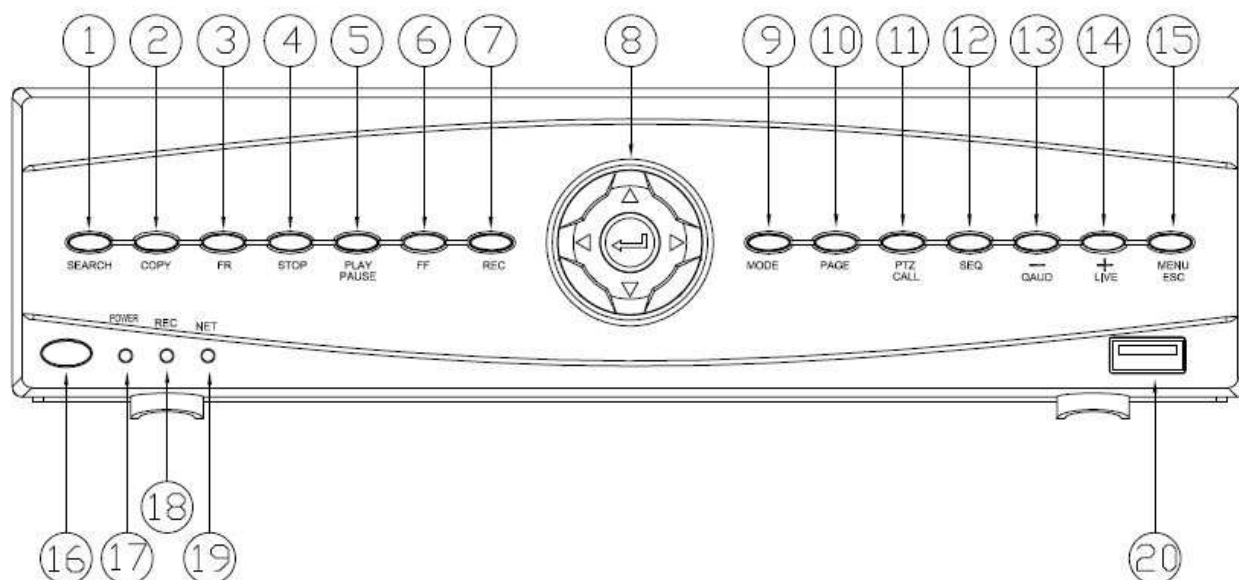
Function Interface

1	Search	8	Direction Control	15	MENU /ESC
2	Copy	9	Mode	16	IR Receiver
3	FR	10	PAGE	17	Power LED
4	Stop	11	PTZ/CALL	18	Rec LED
5	Play / Pause	12	SEQ	19	Network LED
6	FF	13	−	20	USB
7	REC	14	+		

4.   Economy 8 Channel Front Panel
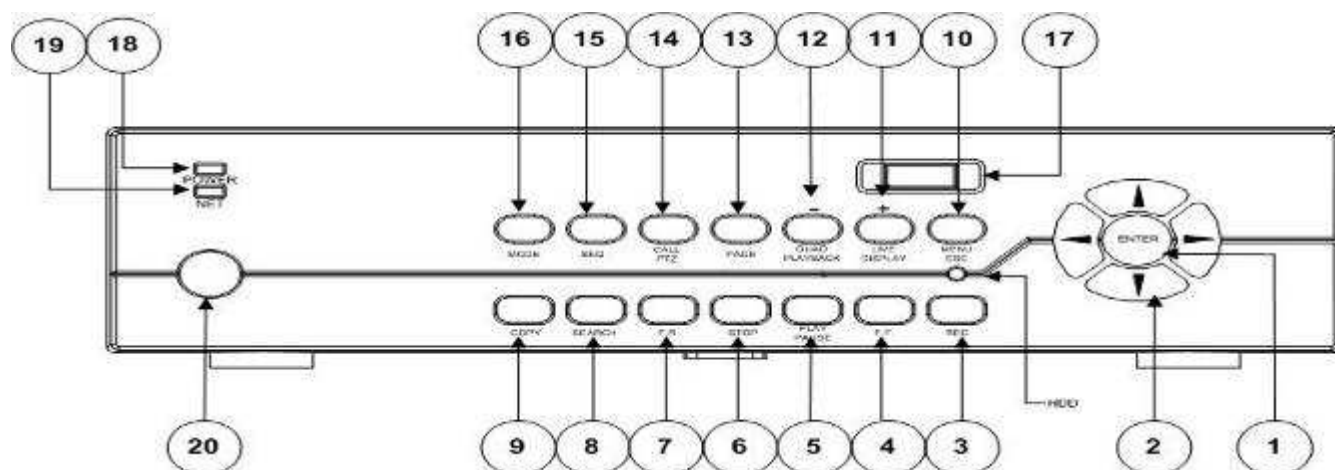
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<tr><th colspan="6">Function Interface</th></tr>
<tr><td>1</td><td>ENTER</td><td>8</td><td>Search</td><td>15</td><td>SEQ</td></tr>
<tr><td>2</td><td>Direction Control</td><td>9</td><td>Copy</td><td>16</td><td>Mode</td></tr>
<tr><td>3</td><td>Recording</td><td>10</td><td>MENU /ESC</td><td>17</td><td>USB Backup</td></tr>
<tr><td>4</td><td>Fast Forward</td><td>11</td><td>+/LIVE Display</td><td>18</td><td>Power LED</td></tr>
<tr><td>5</td><td>Play / Pause</td><td>12</td><td>-/QUAD Playback</td><td>19</td><td>Network LED</td></tr>
<tr><td>6</td><td>Stop</td><td>13</td><td>Page</td><td>20</td><td>IR Receiver</td></tr>
<tr><td>7</td><td>Fast Rewind</td><td>14</td><td>Call/PTZ</td><td></td><td></td></tr>
</table>

NOTE：
BACKUP function also can be copy function to copy DVR setting.

5. The 4 Channel Front Panel (KA-2814)
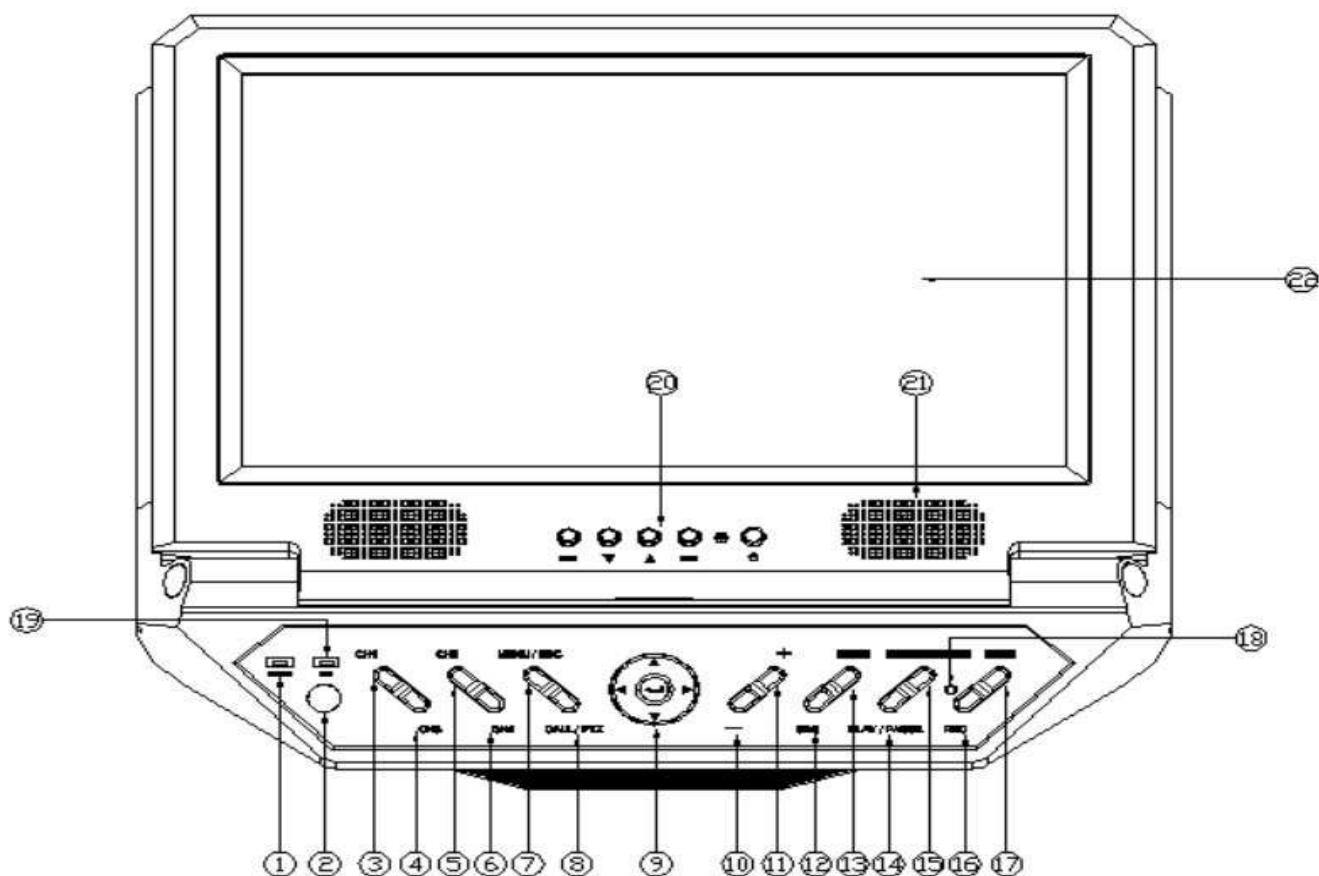
Function Interface								
1	Power LED	8	CALL/PTZ	15	Copy /Search
2	IR Receiver	9	Direction Control	16	REC
3	Channel 1	10	−	17	Stop
4	Channel 3	11	＋	18	HDD LED
5	Channel 2	12	SEQ	19	Network LED
6	Channel 4	13	Mode	20	LCD Panel
7	MENU /ESC	14	Play / Pause	21	Speaker

NOTE：

The BACKUP function means the COPY function in the DVR setting

6. The 8 Channel Front Panel (KA-2818)
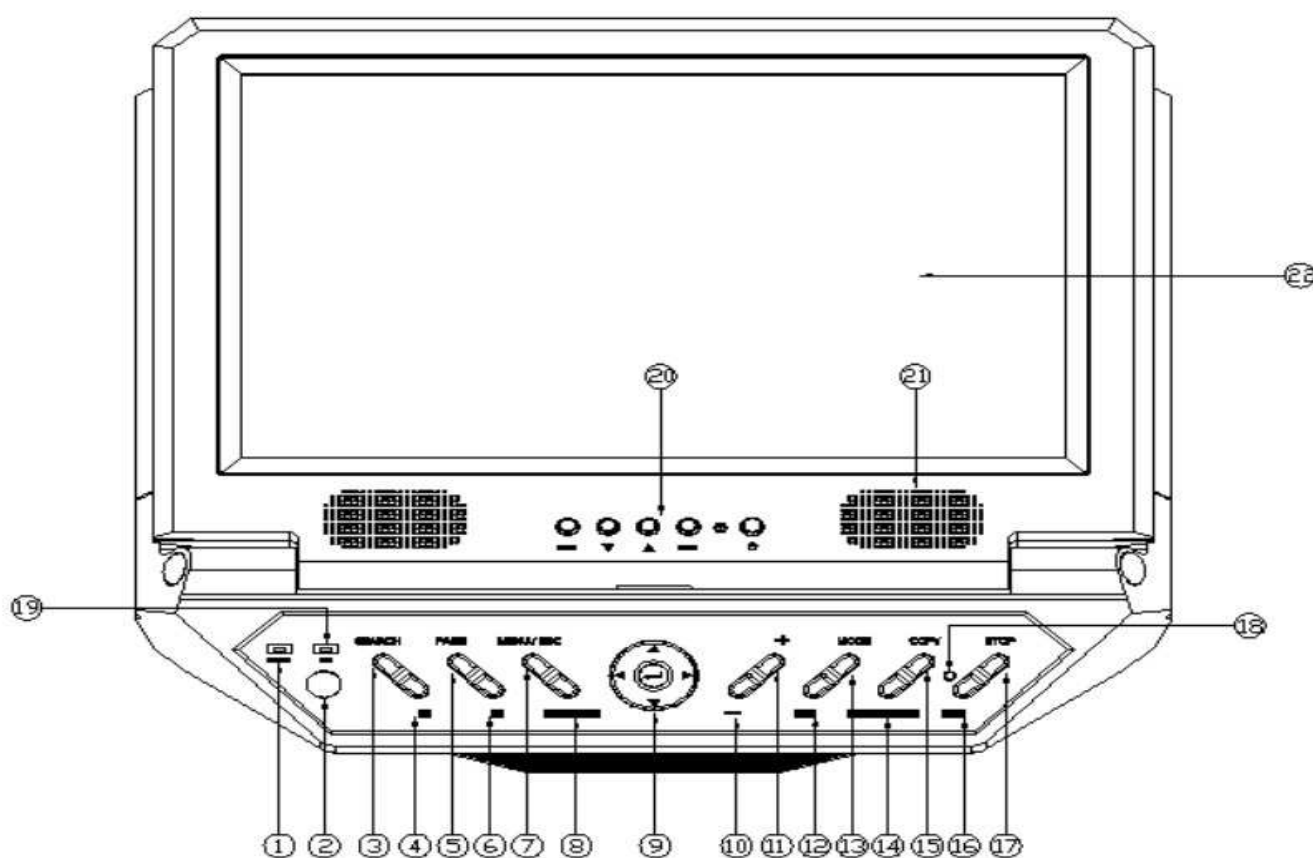
Function Interface					
1	Power LED	8	CALL/PTZ	15	COPY
2	IR Receiver	9	Direction Control	16	REC
3	Search	10	−	17	STOP
4	FR	11	+	18	HDD LED
5	PAGE	12	SEQ	19	Network LED
6	FF	13	Mode	20	LCD Panel
7	MENU /ESC	14	Play / Pause	21	Speaker

NOTE：
The BACKUP function means the COPY function in the DVR setting

7. Function Control Illustration

The Chapter will explain How to use the function of panel button.　Please follow the illustration item as below:

⬭ **MENU/ESC Button:**

In the MONITOR mode, press the button to change the viewing mode to the Menu.　The "SETTING" mode offers 10 kinds of sub-mode.　Please select the sub-mode through the "Control" button.　The default selection is "Log In/Out".

In the SETTING mode, the button function will change to ESC function.　If you press the button in the "SETTING" mode, then will go back to the MONITOR mode.　The DVR will record all modification automatically.

⬭ **MODE :**

In the MONITOR mode, press this button to select between live mode and playback mode.　In some dialogs, this button is used as a miscellaneous function key.

⬭ **SEQ :**

In the MONITOR or PLAYBACK mode, the monitor will go into the full screen auto switch; the default time is 2 seconds.　Found on the chapter of **"AUTOSEQ SET"**.

⬭ **QUAD/CALL:**

In the PLAYBACK mode, press this button to switch to "Quad" display or return from full screen display of the focus camera.　In some dialogs, this button is used as a miscellaneous function key.

In MONITOR mode, press this button to enter/exit PTZ Control mode function.　In the other displays, press this button to escape to the upper level display.

⬭ **+**

In MONITOR or PLAYBACK mode, press these buttons to add the volume.

In PTZ control mode, press these buttons to zoom out the camera.

⬭ ━

In MONITOR or PLAYBACK mode, press these buttons to less the volume.
In PTZ control mode, press these buttons to zoom in the camera.

⬭ **Rec:**

The DVR support multiple working.　You can view, record, playback and remote control at the same time.　The DVR will automaticity record the image on DVR boot finish.　Press this button to force manual recording.　To stop manual recording, press it again.　(REC will be shown on the lower-right corner of the screen if manual recording is ON).

⬭ **SEARCH/COPY:**

Press this button to enter the SEARCH SETTING mode.　To search the playback image through different method: Search By Time, Event, Smart Search, Archived Files and POS Search.

In the PLAYBACK mode, press the button to pop-up BACKUP windows to copy the recording image.

Press the STOP button to stop recording image, and then press the LIVE DISPLAY to go back to the MONITOR mode.

◁ ◁ **F.R/F.F Button**

In the PLAYBACK mode the button will support the Fast Rewind and Fast Forward function

⬭ **PLAY/Pause:**

In the PLAYBACK mode of "Play State" or "Rewind State", it can play and pause on the recording image directly.

⬭ **STOP:**

In the PLAYBACK mode, you can press the Stop button anytime to stop the playback image.

 MOUSE RIGHT KEY:

You can be click the mouse "right-click" used as MENU/ESC key.

8. The 4 CH Rear Panel (KA-6614)
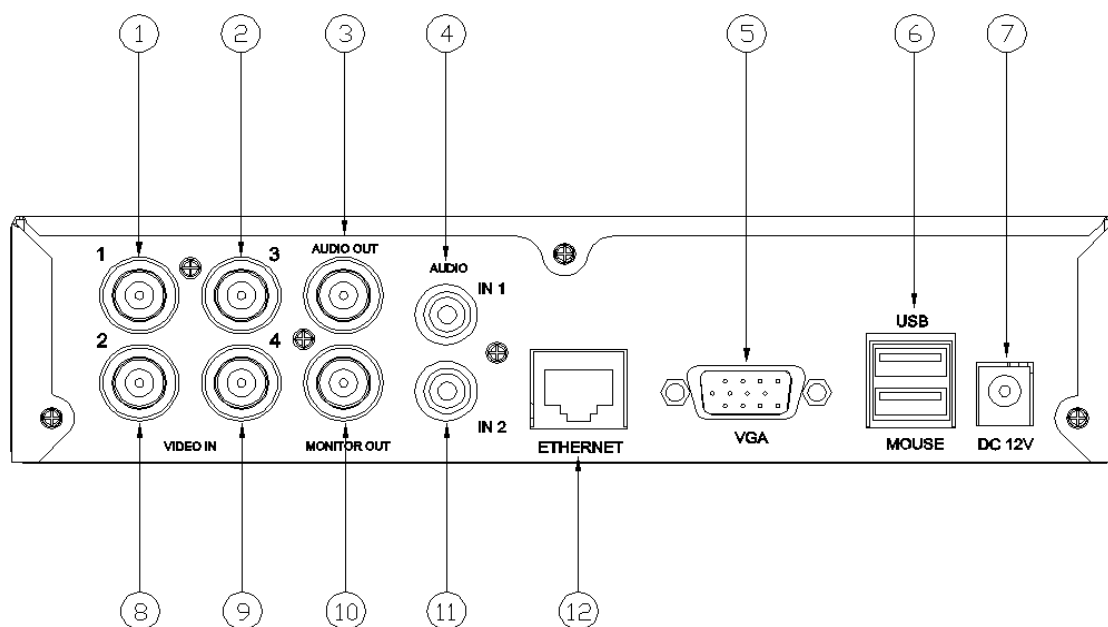
Hardware Interface			
1	CAM Input (1 CH)	9	CAM Input (4 CH)
2	CAM Input (3 CH)	10	Monitor Out
3	Audio Output	11	Audio input (IN2)
4	Audio input (IN1)	12	RJ45 Ethernet Connecter
5	VGA Connecter		
6	USB Mouse		
7	DC 12 V Power Adapter		
8	CAM Input (2 CH)		

NOTE：
The mouse must set up before the DVR power on.

9. The 4 CH Rear Panel (KA-6714)
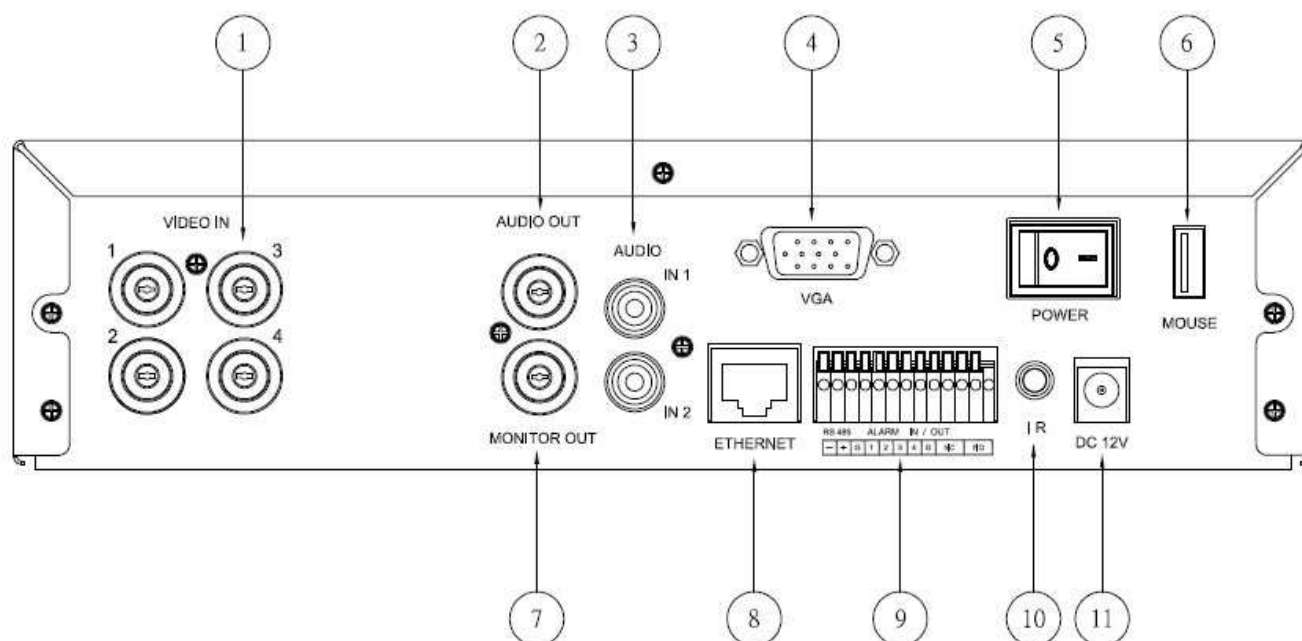
Hardware Interface			
1	CAM Input (1～4 CH)	9	RS485 Connecter and Alarm 4 in 2 out
2	Audio Output	10	3.5 mm IR Receive
3	Audio input	11	DC 12 V Power Adapter
4	VGA Connecter		
5	Power Switch ON/OFF		
6	USB Mouse		
7	Moniter (MAIN OUT)		
8	RJ45 Ethernet Connecter		

NOTE：

The mouse must set up before the DVR power on.

6. The 8 CH Rear Panel (KA-6618)
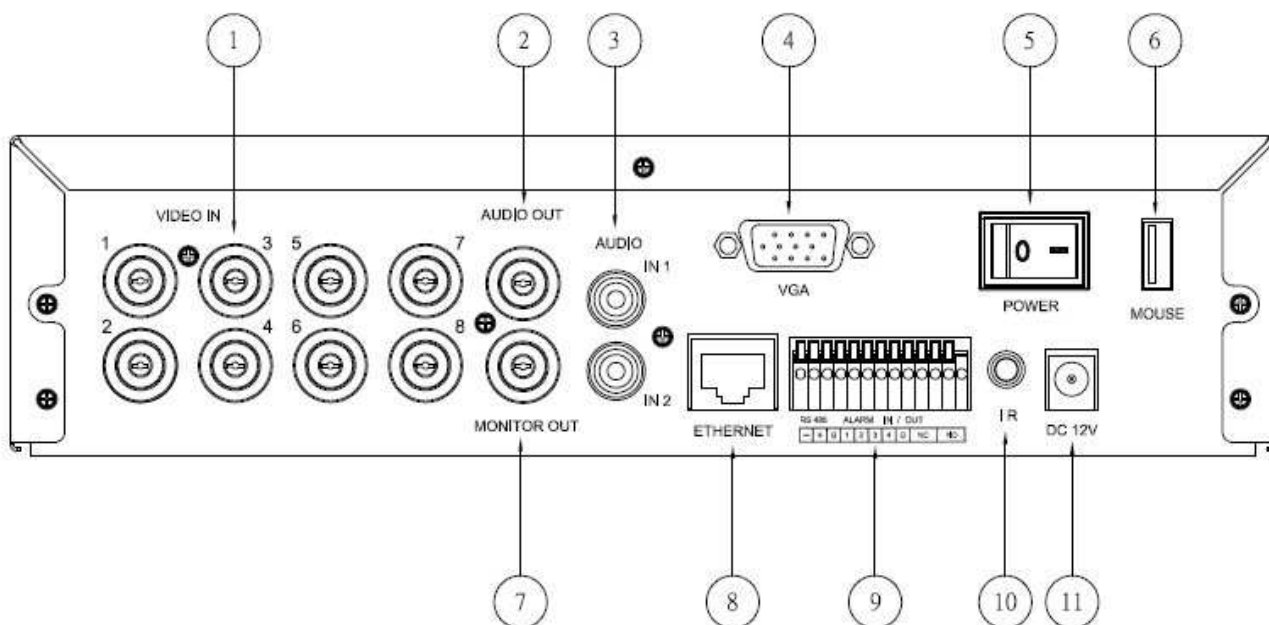
Hardware Interface			
1	CAM Input (1 CH~8CH)	9	Alarm 4 in 2 out / RS-485
2	Audio Output	10	IR extend
3	Audio input (IN1~IN2)	11	DC 12 V Power Adapter
4	VGA Connecter		
5	Power switch		
6	USB Mouse		
7	Monitor Out		
8	RJ45 Ethernet Connecter		

NOTE：

The mouse must set up before the DVR power on.

10. Economy 8 CH Rear Panel
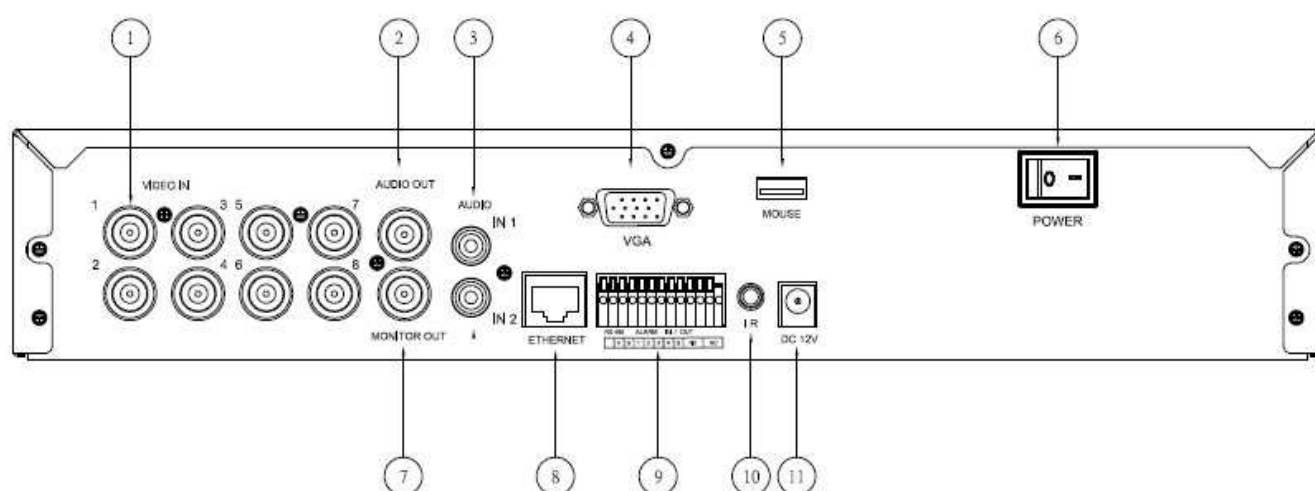
Hardware Interface			
1	CAM Input (1~8 CH)	9	RS485 Connecter and Alarm 4 in 2 out
2	Audio Output	10	3.5mm IR Receive
3	Audio input	11	DC 12 V Power Adapter
4	VGA Connecter		
5	USB Mouse		
6	Power Switch ON/OFF		
7	Moniter (MAIN OUT)		
8	RJ45 Ethernet Connecter		

11.   The 4 CH Rear Panel (KA-2814)
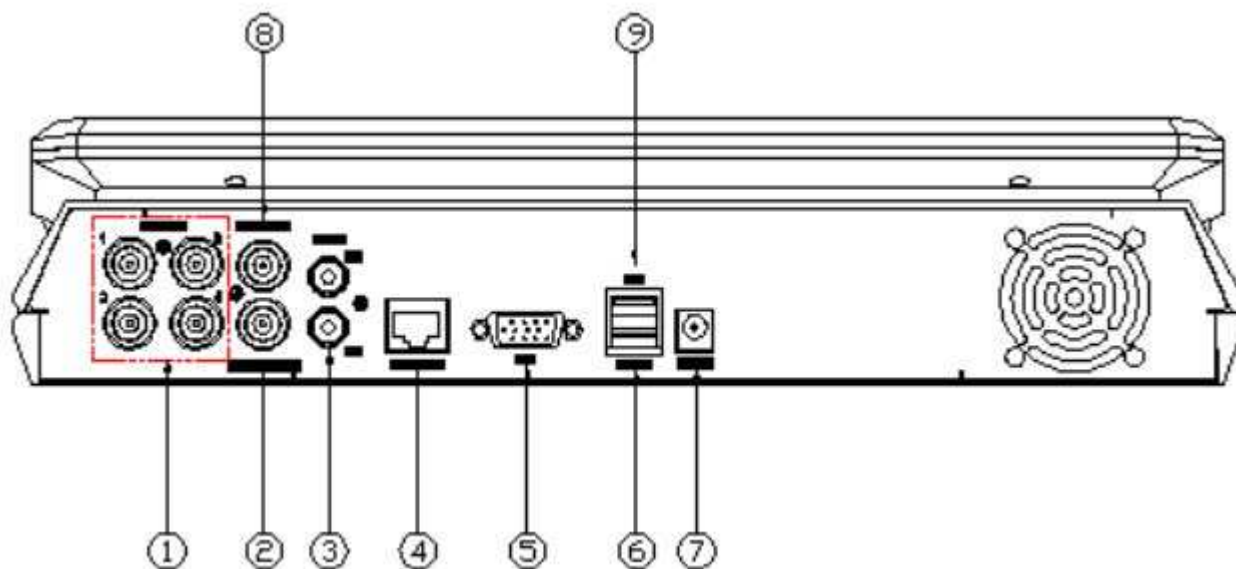
Hardware Interface			
1	CAM Input (1 ~4CH)	9	USB Connect
2	Monitor Out		
3	Audio input (IN1) (IN2)		
4	RJ45 Ethernet Connecter		
5	VGA Connecter		
6	USB Mouse		
7	DC 12 V Power Adapter		
8	Audio Output		

NOTE：

The mouse must set up before the DVR power on.

12. The 8 CH Rear Panel (KA-2818)
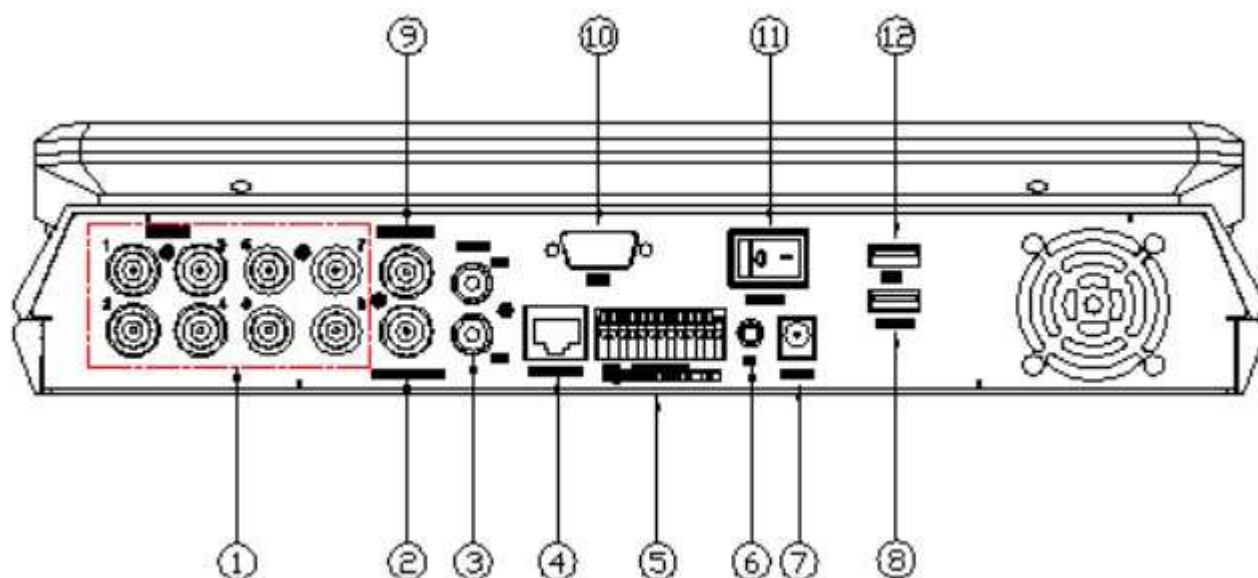
Hardware Interface			
1	CAM Input (1 ~8CH)	9	Audio Output
2	Monitor Out	10	VGA (Reserve)
3	Audio input (IN1) (IN2)	11	Power Switch ON/OFF
4	RJ45 Ethernet Connecter	12	USB Connecter
5	RS485 Connecter and Alarm 4 in 2 out		
6	3.5mm IR Receive		
7	DC 12 V Power Adapter		
8	USB Mouse		

NOTE :

The mouse must set up before the DVR power on.

13.　Image Input and Output

The DVR provides 4CH video input and output.

Video Input

Cameras connect　to BNC connectors.

Monitor Output

Connect TV monitors to the BNC connector for main monitor display.

VGA

Connect VGA monitor to the VGA connector for display.

NTSC/PAL Switch

Select NTSC or PAL according to the local TV system.(adjust switch inside the main board)

> **NOTE**：
> You must select the DVR system before DVR booting.　If you want to change the DVR
> system, please power off the DVR first.

Network

You can view the DVR image through "IE browser" for remote control and remote recording
function.　Connect this unit to a 10/100Base-T Ethernet network through this port.

14. Monitor Display Illustration

MONTOR Mode
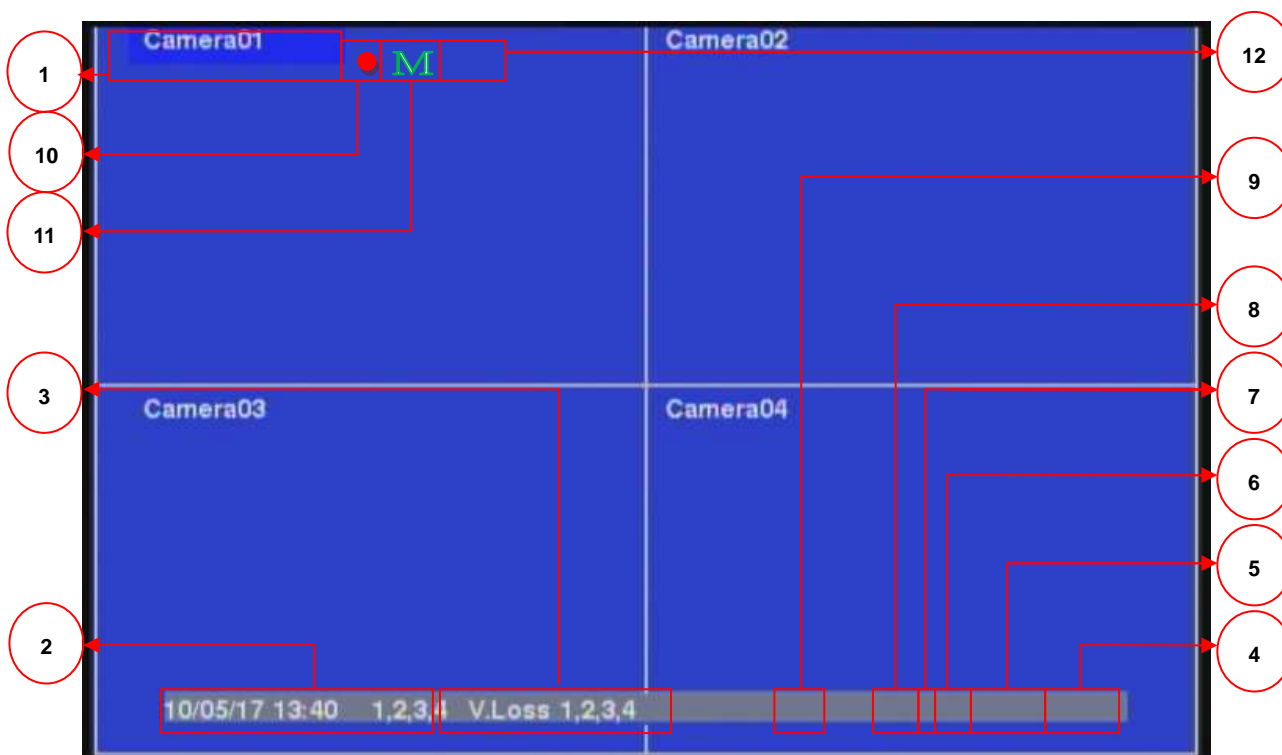
MONITOR Mode Display illustration		
Number	**Item**	**Camera explanation**
1	Camera name	Image name of display
2	Date / Time	Show the real time date and time information.
3	Scrolling Banner	It will show the status of motion, alarm, V. loss, HDD and DVR state.
4	Normal Rec Size	Normal recording percentage
5	Alarm Rec Size	Alarm recording percentage
6	Audio	enable the audio function
7	Digital Zoom	enable the digital zoom x2/x4 function
8	Rec	The force manual recording mode
9	SEQ Sign	enable the SEQ function
10	Record Status	Icon means under recording mode
11	Motion Status	Icon means under motion mode
12	Alarm Status	Icon means alarm connection

PLAYBACK Mode

PLAYBACK Mode Display illustration		
Number	**Item**	**Explanation**
1	Camera name	The playback recording image name
2	Date / Time	Show the real time date and time information.
3	Scrolling Banner	It will show the status of motion, alarm, V. loss, HDD and DVR state.
4	Normal Rec Size	Normal recording percentage
5	Alarm Rec Size	Alarm recording percentage
6	Audio	Enable the audio function
7	Digital Zoom	Enable the digital Zoom x2/x4
8	Rec	The force manual recording mode
9	Backup State	The backup function mode
10	Playback Sign	Enable all playback functions
11	Date / Time	Show the recording date and time information.

MENU SETTING Mode
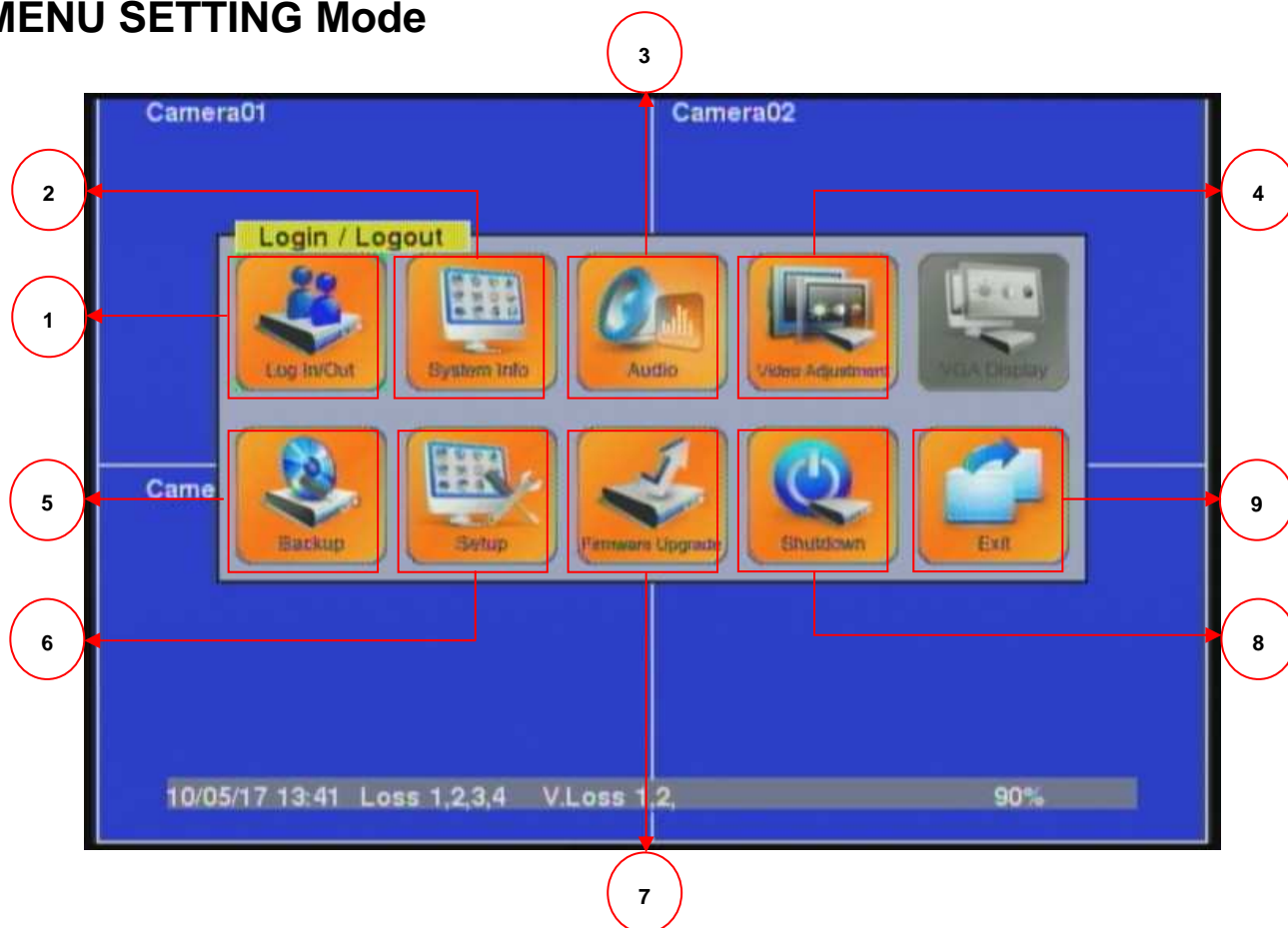
MENU SETTING Mode Display illustration		
Number	**Item**	**Explanation**
1	Log In/Out	Login the DVR through the account
2	System info	Show the DVR system information
3	Video Adjustment	Adjust the camera setting
4	VGA Display	Adjust the VGA setting
5	Backup	Use the backup function
6	Setup	Enter the SETTING Mode
7	Firmware	Update the DVR firmware through USB Flash
8	Shutdown	Power off the DVR
9	Exit	Leave the MENU SETTING mode

SETUP SETTING Mode
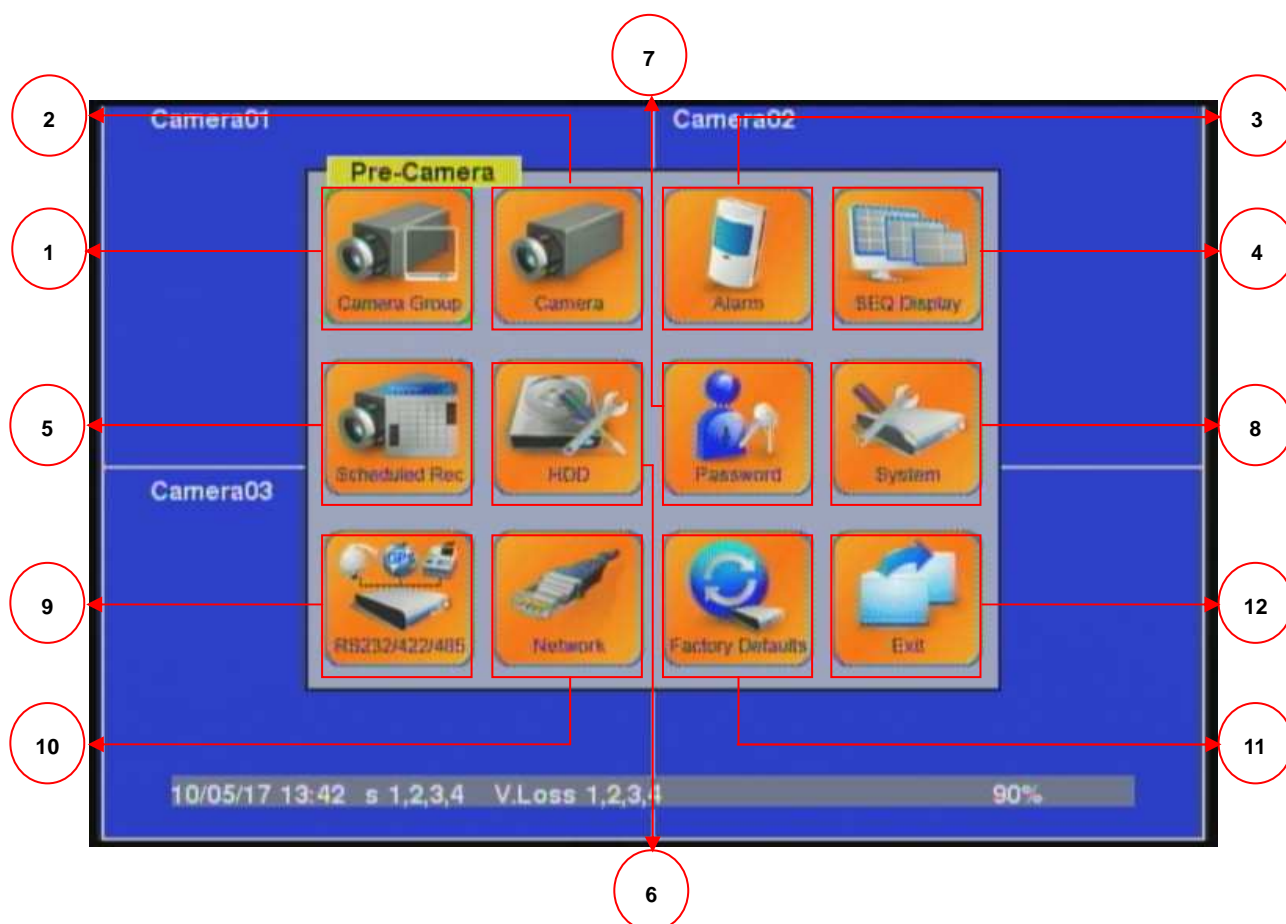
SETUP SETTING Mode Display illustration		
Number	**Item**	**Explanation**
1	Camera Group	Set up the DVR resolution, PTZ and Watermark
2	Camera	Set up the camera info, motion, quality and fps
3	Alarm	Set up the extra alarm function
4	SEQ Display	Set up the SEQ setting
5	Schedule Rec	Set up the alarm, motion or always recording
6	HDD	Set up the HDD recording and figure
7	Password	Manage the DVR's account
8	System	Set up the DVR time and language
9	RS485	Set up the RS485 figure
10	Network	Set up the IP, DDNS, mail and FTP function
11	Factory Default	Reset DVR default setting
12	Exit	Leave the SETUP SETTING mode

SEARCH Mode
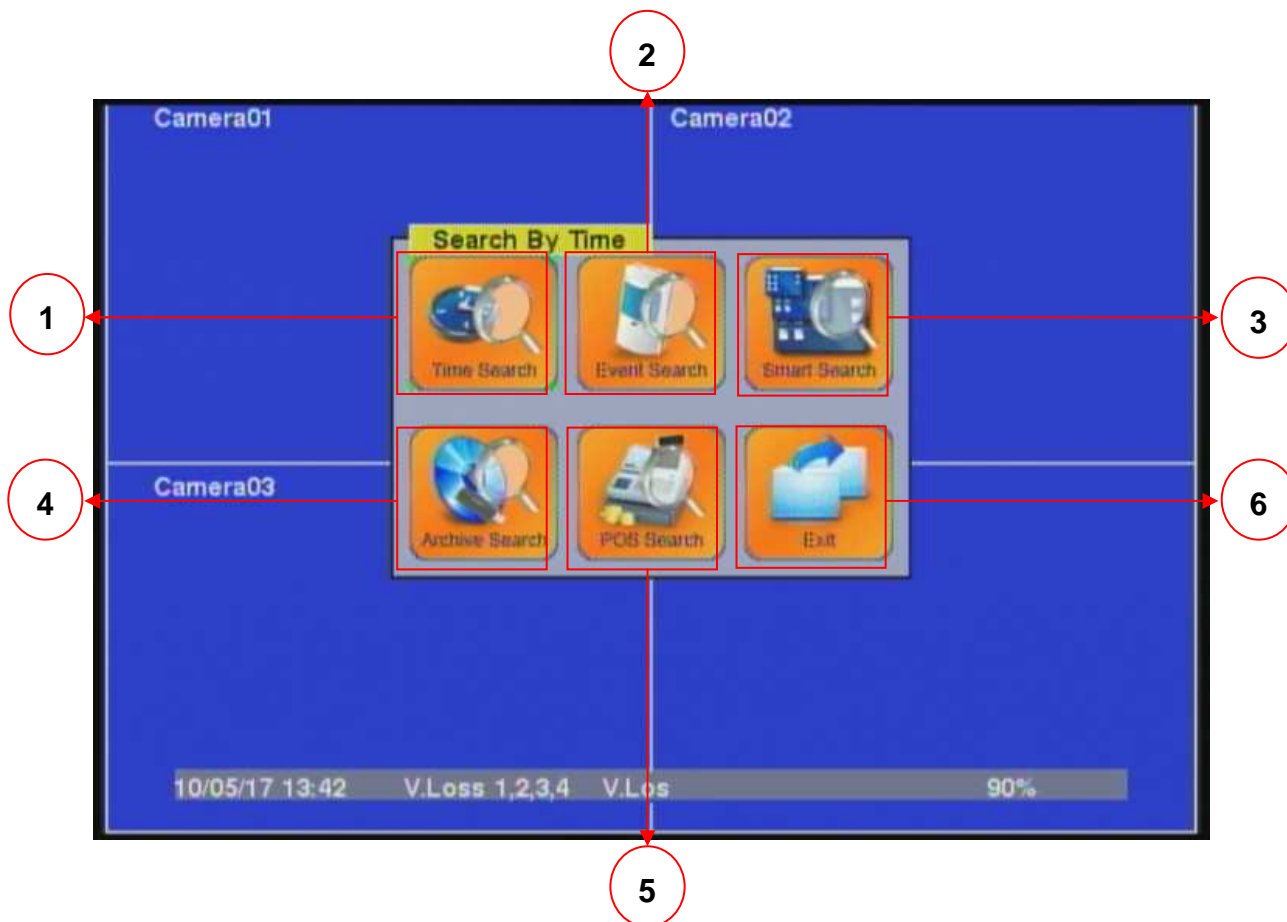
SEARCH Mode Display illustration		
Number	**Item**	**Explanation**
1	Time Search	Select the date and time to playback recording image
2	Event Search	Select the event to playback recording image
3	Smart Search	Choice the motion area to playback the recording image
4	Archive Search	Search the backup device recording image
5	POS Search	Define the keyword of pos recording data for playback
6	Exit	Leave the SEARCH mode

15. Mouse Control Illustration

When installing and using the mouse interface, the main menu interface will be needed to operate with mouse.

Mouse Control Illustration			
1	Menu	9	PTZ Setup
2	Search	10	Mode
3	ESC	11	Alarm Reset
4	In The PLAYBACK Control	12	Scheduled Record
5	Backup	13	GPS/POS/ OSD Display
6	Split-Window Display (7 mode)	14	X2
7	SEQ	15	Adjust Volume
8	Switch Bar	16	Single Display the camera channel

16. Audio Input and Output

Connect audio IN or OUT devices through RCA interface.

Audio Input

These RCA connectors accept audio signals supplied from external devices.

Audio Output

These connectors supply audio signals to external devices.   Recorded audio will be supplied from AUDIO OUT during playback.

NOTE：
The Audio function cannot guarantee power issue.   Please notice whether the microphone spec can use or not.

17. Other Interface

The DVR have some application function for User.   Please see the illustration as below:

USB Connector (Rear panel)

Connect the USB mouse to this connection.

USB Connector (Front panel)

Connect this port to USB 2.0 compatible storage device, such as USB 2.0 disk drive, DVD+RW, , etc.

PTZ Device:

RS-485 Connector
Connect this connector to RS-485 compatible PTZ camera(s) or keyboard.   Please set the Selector Switch correctly.

If must join two pieces PTZ of the above, Need to use the parallel way to join PTZ.
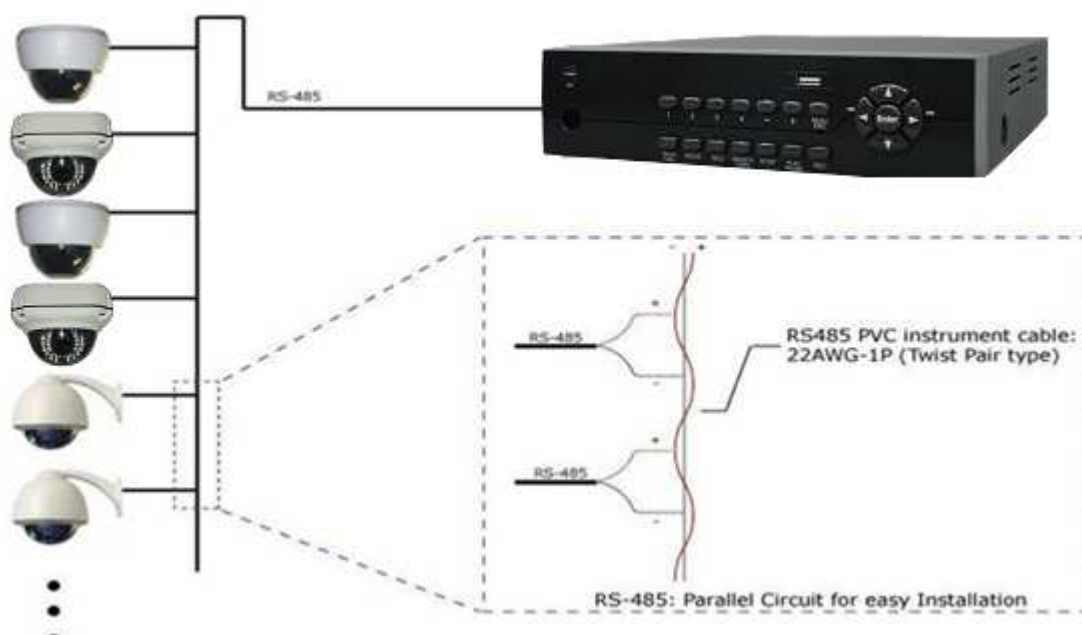
Alarm IN and OUT:

The DVR can work TTL/COMS alarm signal for the LOW & HIGH of potential or the N.O & N.C state.

ALARM INPUT：
Support 4 ch alarm input. The extra device connects one for the alarm input, the other for GND. Connect these connectors to external devices such as sensors or door switches.

ALARM OUTPUT：
Support 2 alarm output. Connect these connectors to 1 Normally Closed (NC) alarm outputs and 1 Normally Open (NO) alarm outputs. Because of the DVR cannot supply any power for extra device, you can connect the power adapter through COM to provide electric power. When alarm trigger, the alarm output will work.

RS-485:

In SETUP SETTING Mode, press **Direct Control** button to change the highlighted option to **RS-485**, and then press **ENTER** to call up RS-485 Setup as shown.

18. DVR Quick Setup Guide:

This quick start guide will help you become familiar with our DVR in a very short time.

How to play basic PLAYBACK function:

In the search menu, select "Search by Time"

Then set Year, Month, Date, Hour, Minute, execute "PLAY".
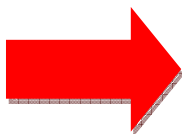
How to quick setup RECORD function:

Select "SETUP" of the main menu.
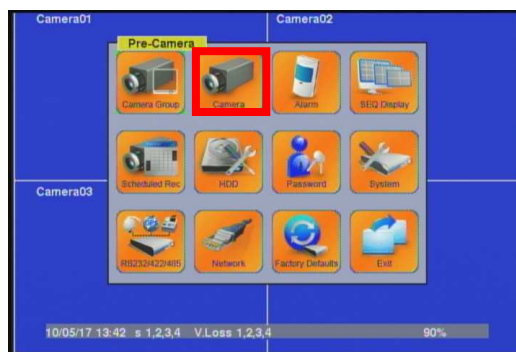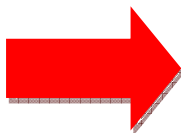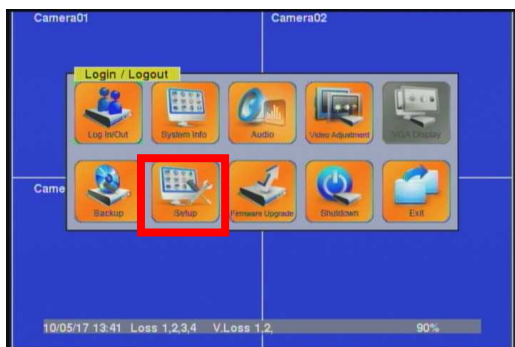
Select "Camera"

Set each channel of "Title, Record Quality, Record Fps."

Confirm this setting and save.
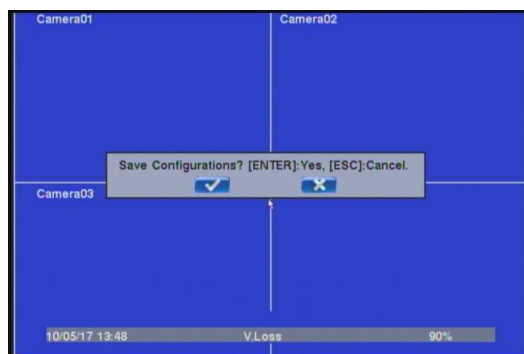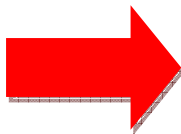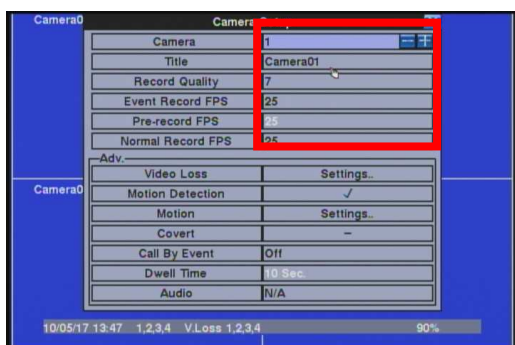
How to setting MOTION function:
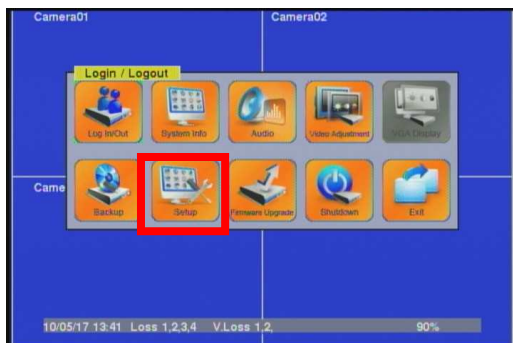
Select "SETUP" of the main menu.   Select "Camera"
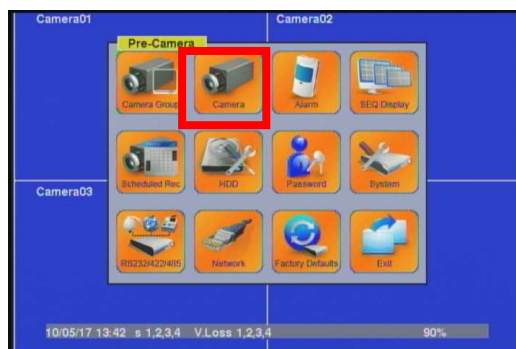
Select Detection to enter the "Settings"   Into Motion mode.

In the Motion mode, press "＋／－" button to enlarge or reduce the area.
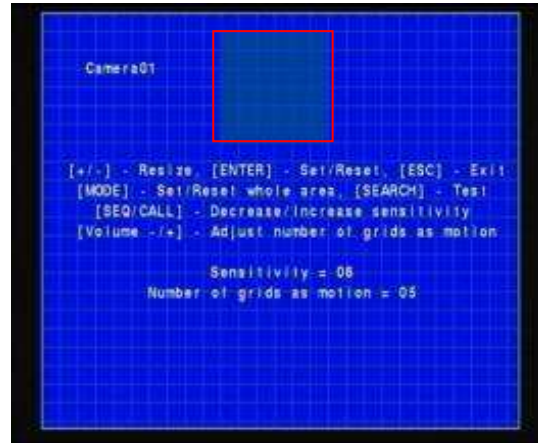
Press the button to set/reset the whole video area
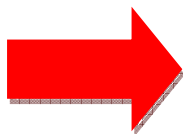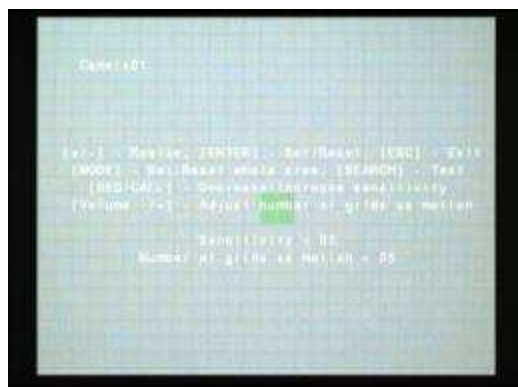
Press the button to test the motion detection of the camera
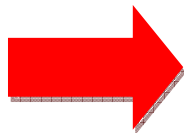
Choose the area where you want to displace, Click "ESC" to save this config setup
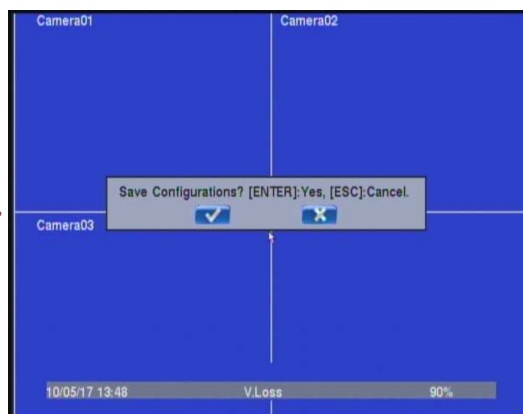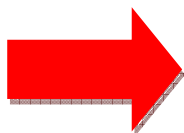
19. Network:

In SETUP SETTING Mode, press **Direct Control** button to change the highlighted option to **Network**, and then press **ENTER** to call up Network Setup as shown.

The Network Setup allows the administrator to setup all Ethernet network related parameters. Please check with your network administrator to set these parameters correctly.

The general operations are as below:

Direct Control

Press these buttons to select the items.

MENU/ESC

Press this button to escape from this screen, and return to Setup Menu display.   If the Save dialog is shown, press **ENTER** to exit and save, **MENU/ESC** to exit without saving.

Following is a brief description for each item and its specific operations:

● **Net Type** – Static IP, PPPoE, or DHCP.   DHCP can only be used for intranet (LAN) access, while Static IP and PPPoE can be used for both internet & intranet access.   Press **+/-** buttons to change the Net Type.

● **IP Address** – Ethernet IP address for the system.   To get the static IP address, please contact your local ISP (Internet Service Provider).

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- **Net Mask** – Net Mask for the IP address.

- **Gateway** – Gateway IP address for the system.

- **DNS** – DNS (Domain Name Server) IP address for the system.

- **Username** – PPPoE username for the system if PPPoE is used.

- **Password** – PPPoE password for the system if PPPoE is used.

- **DDNS Type** – Dynamic, Static, Custom DDNS (Dynamic Domain Name Server) type, etc. Please contact your local DDNS Service Provider to get the DDNS URL, username, and password.   Press **+/-** buttons to change this item.

- **URL** – the URL (Uniform Resource Locators) for the system if PPPoE is used.

- **DDNS Username** – DDNS username for the system if PPPoE or Static IP is used.

- **DDNS Password** – DDNS password for the system if PPPoE or Static IP is used.

NOTE：
If DDNS Type is Free DNS, the URL must be appended with ",hash", where hash is extracted from the grab URL batch file that is downloaded from freedns.afraid.org

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DDNS Application

The DDNS service will provide the function.   The domain name corresponds with IP address. But you need to apply for account from DynDns.org website.   The DynDns.org website provides the free service to the world's user.   This chapter will teach the step by step method, please follows the function illustration as below:

1. Please input the "DynDns.org" website (http://www.dyndns.com/) on Internet Explorer then click the "Connect" button.

2. If you have the account in the DynDns.org, you can skip the illustration to no.9. However, if you don't have the account, please click the "Create Account" button through the left-mouse.

3. You will see the table of account, and then input the needful information such as: **"User Information"** and **"Terms of Service"**. You can input other information by yourself.

4. After input finish, please click the "Create Account" button. If the data is right, the website will display the "Account Created" information

5. You will receive the check mail from DynDns.org. Please check your mail. If you receive the mail, please visit the confirmation address to complete the account creation process.
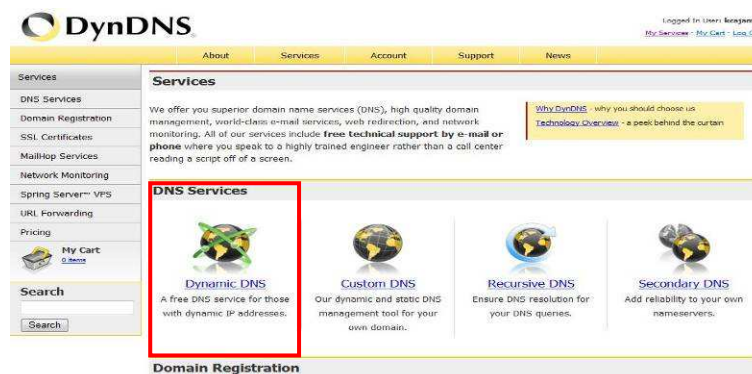

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6. Click the red square to finish the creative account.
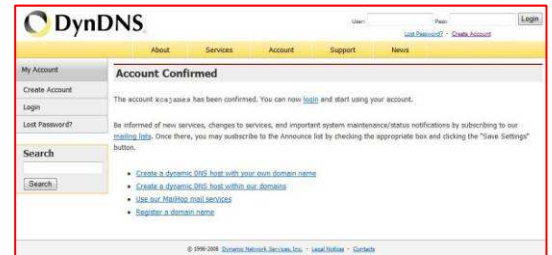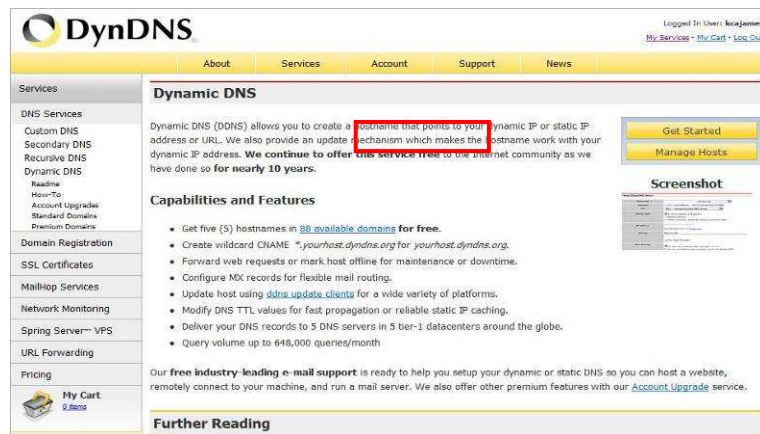

7. You can login to DynDns.org, please input the username and password on main webpage. And click the "Service" button to set up the DDNS function.
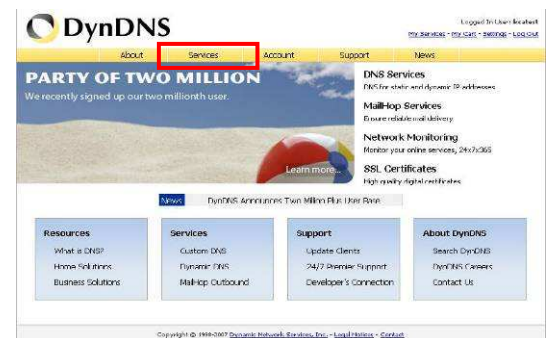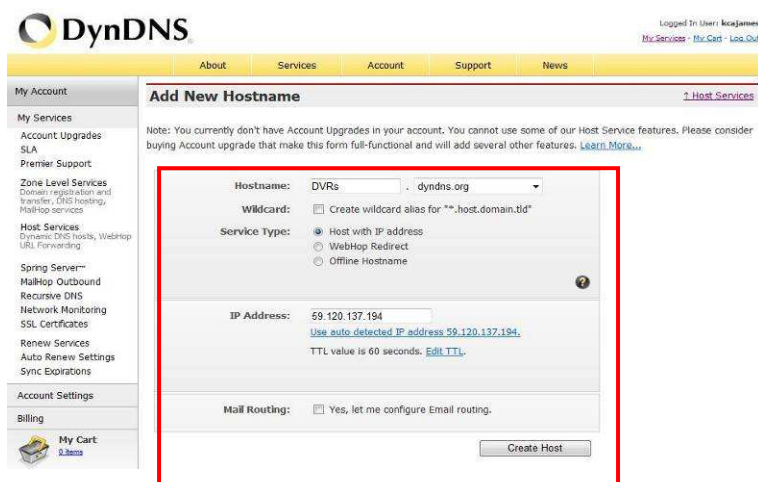

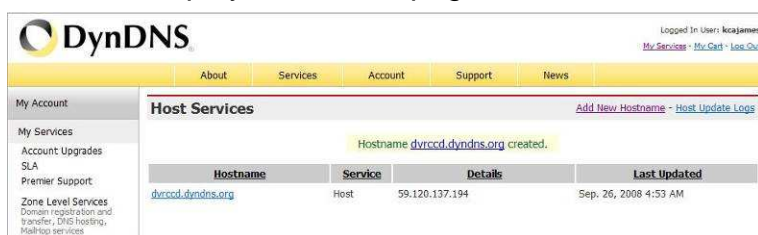8. Please select the **"Dynamic DNS"** button.

9. Click the "Get Started" button to add the new Hostname.

10. Set up the "Hostname" and "IP Address" by yourself.　You can enter your favor domain name to "Hostname", and input correct "IP address" to IP Address.　Finally, click the "Add Host" to finish the setting.

11. The DDNS information will display on the webpage in the end.

12. Please try to connect to the DVR through domain name.
13. If you cannot connect the DVR through domain name, you can test the DDNS service on your PC.
14. Please open the "command mode" from **"Start Menu"**.
15. Input the command: c:\>ping xxxxx.dyndns.org　[**ENTER**].

NOTE：　　The "xxxxx" is your domain name.

16. If the command mode display the figure information. Your DDNS is correct.

17. If the command mode display the **"timed out"** information. Your DDNS is wrong.

E-Mail Setup:

In Network Setup, press **ENTER** to call up E-mail Setup as shown when the highlighted option is **E-mail**.

The E-mail Setup allows the administrator to set e-mail related parameters.   When an event occurs and E-mail is enabled for the corresponding action, an e-mail will be sent based on the parameters set here.   The general operations are as below:

Direct Control
Press these buttons to select the items.

MENU/ESC

Press this button to escape from this screen, and return to Network Setup display. If the Save dialog is shown, press **ENTER** to exit and save, **MENU/ESC** to exit without saving.

Following is a brief description for each item and its specific operations:

- **SMTP Server** – SMTP mail server name.

- **SMTP Port** – the SMTP port for e-mail transmission. The default value is 25.

- **Authentication** – whether the SMTP mail server requires authentication. Press **ENTER** or **+/-** to check/uncheck this item.

- **Username** – username if the SMTP mail server requires authentication.

- **Password** – password if the SMTP mail server requires authentication.

- **Mail From** – the e-mail address of this DVR unit, i.e. the sender of the e-mails originated from the triggered events.

- **Mail To #1-5** – the receivers' e-mail addresses. The system can send the e-mails originated from the triggered events to up to 5 different receivers.

FTP Setup:

In Network Setup, press **ENTER** to call up FTP Setup

The FTP Setup allows the administrator to set FTP related parameters. When an event occurs and FTP is enabled for the action, the recorded video/audio for that event will be sent to the FTP server based on the parameters set here.

The general operations are as below:

Direct Control
Press these buttons to select the items.

MENU/ESC
Press this button to escape from this screen, and return to Network Setup display. If the Save dialog is shown, press **ENTER** to exit and save, **MENU/ESC** to exit without saving.

Following is a brief description for each item and its specific operations:

● **FTP Server** – FTP server web/IP address.

● **FTP Port** – the FTP port. The default value is 21.

● **Username** – username for this DVR unit in the FTP server.

● **Password** – password for this DVR unit in the FTP server.

● **Prefix Of Filename** – the prefix of the filenames for the files sent to the FTP server. If it's

empty, the filenames will be "cam.."; if not, the filenames will be "Prefix-cam..".   For example, if the prefix is "DVR01", then the filenames will be "DVR01-cam..".

Advanced Network Setup:

In Network Setup, press **ENTER** to call up Advanced Network Setup as shown when the highlighted option is Advancing function.

The Advanced Network Setup allows the administrator to set advanced network parameters.
If the user is not familiar with network administration, please DO NOT modify the items in this dialog.   The general operations are as below:

Direct Control
Press these buttons to select the items.

MENU/ESC
Press this button to escape from this screen, and return to Network Setup display.   If the Save dialog is shown, press **ENTER** to exit and save, **MENU/ESC** to exit without saving.

Following is a brief description for each item and its specific operations:

■ **Control Port** – the control port for remote access.   The default value is **67**.

■ **Data Port** – the data port for remote access.   The default value is **68**.

■ **HTTP Port** – the HTTP (web page) port for remote access.   The default value is **80**.

- ■ **WAP Picture Quality** – the WAP picture quality if WAP access is supported for the DVR. Press **+/-** buttons to change the value.

- ■ **IP Filter #1-4** – the IP filters #1-4 for remote access.   Only those PCs with IP addresses matching one of the IP filters can access the DVR remotely.

NOTE：
If the Control Port or Data Port is not available or accessible during remote access, the system will reset the ports to their default values, i.e. 67/68.

Factory Default:

The DVR can repeat to get the factory default figures through this function.   Press the "Direction Control" button to reset the DVR to factory default figure.   You also can use the mouse to do it.
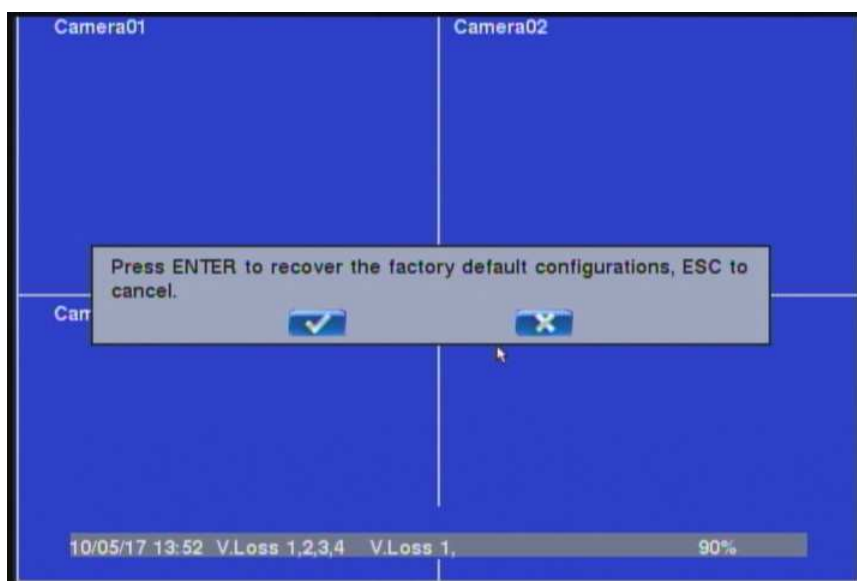
NOTE：
When you want to reset the default setting, the DVR will pop-up the confirmation window to check again with customer.

20. USB / DVD Playback

After the backup image finish, the USB flash/DVD will include the "SelfPlayer" software and backup recording image file. You can direct to view the backup image through PC/Laptop. You need to plug the USB flash/DVD into PC, and then open the disk of USB flash/DVD.

Click "SelfPlayer.exe" to execute the DVR software

Click the "File" area then click the "Open" button to select the backup recording file. Open the USB/DVD disk located driver letter. (Example F:). The Backup file default name is the "0001".

After select the backup recording file,
the DVR will automatically play the image.
Click the channel to display the full image on the monitor
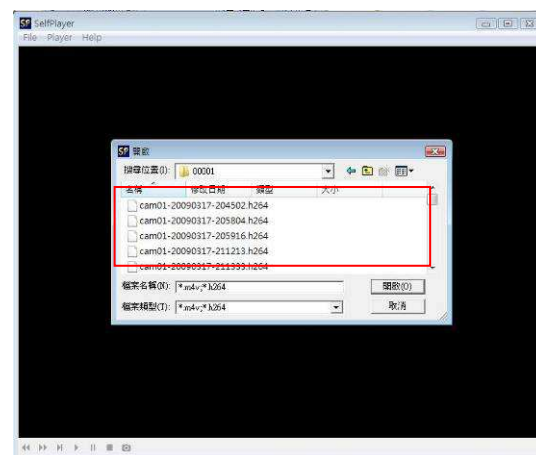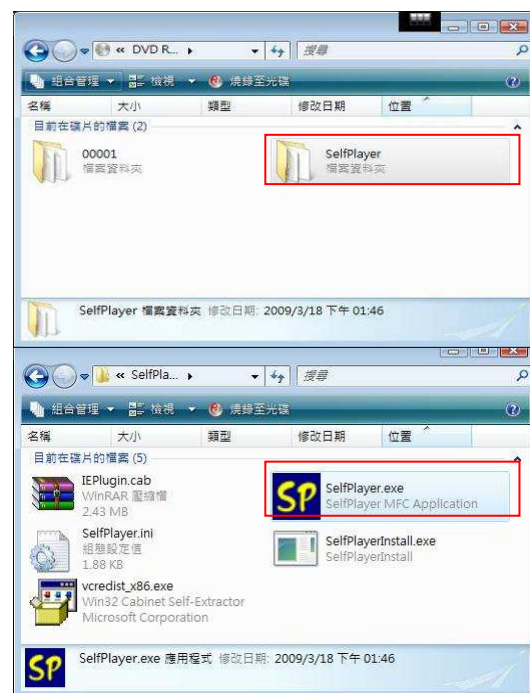
21.   Remote view

You can remote view the image of DVR through internet on the world.   Just input the IP address or domain name on "I.E Browser".   The remote function would support viewing image, playback image and recording image.

System Requirements of Remote PC

It is recommended to access the digital video/audio recorder using a PC that meets the following system requirements.

- **PC**
  IBM PC/AT compatible with Intel$^®$ Pentium$^®$ 4, 1.7 GHz or above CPU.

- **OS**
  MicroSoft$^®$ Windows$^®$ XP, Windows$^®$ 2000 with SP4, or Windows$^®$ Vista.

- **Monitor**
  1024 x 768 or above.

- **Memory (DRAM)**
  512MB, or 1024MB for Windows$^®$ Vista.

- **Web Browser**
  MicroSoft$^®$ Internet Explorer$^®$ 6.0 or above.

- **DirectX**
  MicroSoft$^®$ DirectX$^®$ 9.0 or above.

- **Others**
  Windows XP KB319740 Package if Windows XP SP2 is installed.

DirectX® End-User Runtime 9.0

It has been installed in your PC successfully.   If not, please logon to web page to get the free download of it.

> **NOTE**：
> Web Page:
> http://www.microsoft.com

Windows XP KB319740 Package

It has been installed in your PC successfully if the PC is running **Windows XP SP2**.   If not, please logon to web page to get the free download of it, or install it from the corresponding directory in the CD.   (This package is a bug fix for Windows XP SP2.)
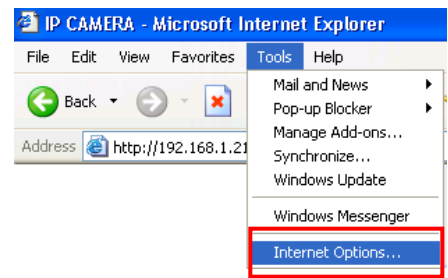
> **NOTE**：
> Web Page:
> http://www.microsoft.com/downloads/details.aspx?FamilyId=9B5EDFC8-A4BB-4080-9063-6518166E2DAB&amp;displaylang=en

The VGA Setting from PC/Laptop

Please go to Start->Setup->Control, select Display->Settings, and set the Screen Resolution to at least 1024x768 and Color to 32-bit.

You need to change the security setting of I.E Browser.   Please follow the step by step illustration as below:

Open the I.E Browser → select the "Tools" →   "Internet Options".

Select the "Security" bookmarker → Custom Level→ Security Settings→
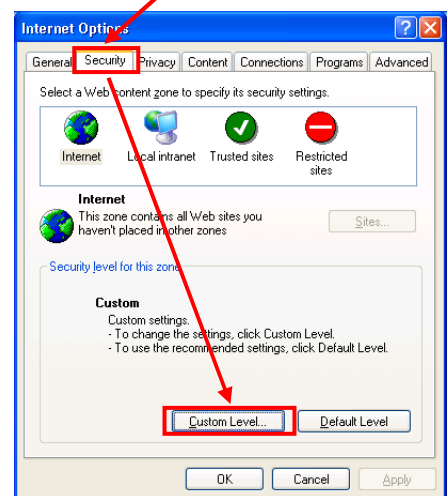
NOTE：

The domain name or IP address of the digital video/audio recorder has been set as trusted web site in your PC, and the (https:) server verification for trusted web site is unchecked.   If not, please go to Tools->Options->Security in your I.E. to do the settings.   For I.E. 7, please set the Security level for this zone to Low.

Enabled or Prompt the selection of <u>Download unsigned ActiveX controls</u>, and then click the "OK" button to leave setting.
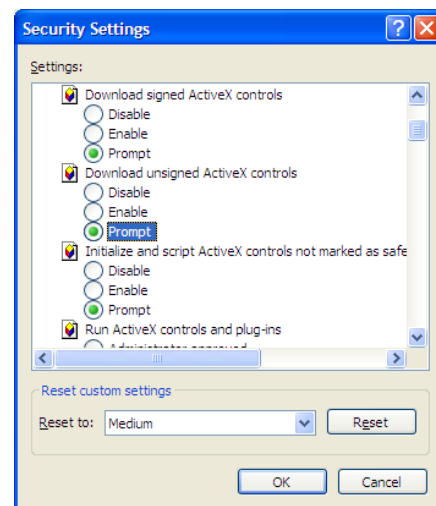
Open the I.E Browser and input the IP address or domain name of DVR.   Press the "connect" button.
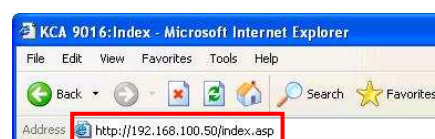
The I.E Browser will pop-up the window, please click the "Install" button to set up the software of ActiveX.   After install finish, the Internet Explorer pop-up the window again. Please input the user name and password to enter the network viewing mode.
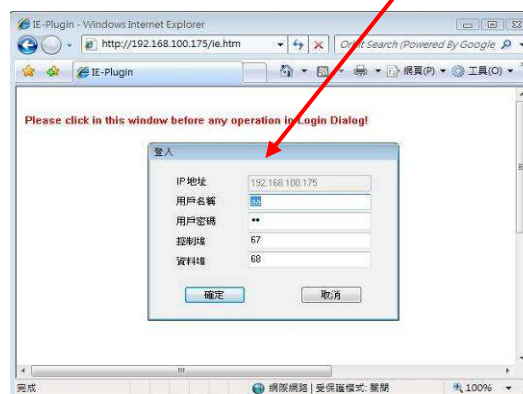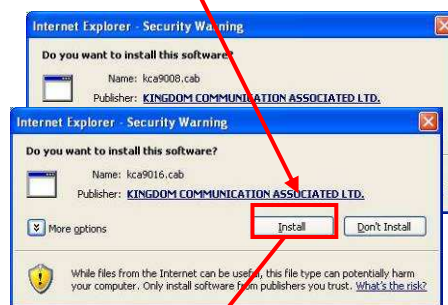
NOTE：

The default username is "abc". However, the default password is "123".   The account is the same the DVR account

After the above-mentioned items have been done correctly, restart your web browser and enter the domain name or IP address (EX. http://192.168.1.100 if HTTP port is 80, or http://192.168.1.100:800 if HTTP port is 800) of the digital video/audio recorder in the Location/Address field of the web browser. The plug-in software in the system will be downloaded and run automatically in the web browser.

NOTE：
Please note that up to 8 users can logon this DVR simultaneously.

The video images can be displayed in several types of split-window screens, including 1/4/9/16-Window for single DVR and 25/36/49/64 for multiple DVRs.   And the focus window is surrounded by a frame border.   In addition to the video windows, there are different icons on the lower corner and the right corner of the screen for status display and control.

NOTE：
The ".L" following the camera title stands for Live display, ".P" for Playback, and the camera title with white background has detected motion.

NOTE：
The frame rate is limited by the bandwidth of the network and the pre-record IPS of the camera
The picture quality depends on the recording resolution and recording quality of the camera
About the IPS and quality setting please make reference to the chapter of **Camera.**

When the user leaves I.E., you may be asked to save changes to files, please click on OK or Yes to save the changes.   The operations and descriptions for these icons are as below:

In video window, right-click the mouse button to call up Camera/Playback/Print Dialog.　(Left) click on Playback or Camera number to change the window to the corresponding camera and live/playback mode.　The user may also click on the "Print" button to print the video to the printer, or "Snapshot" the video.

22.　Support GPS / POS

The DVR can support all GPS / POS on the market.

Please reference to the details manual in the CD.

23.　Support Hardware List

There are many HDD spec.　Please suggest the list to buy the applicable hardware that combine with the DVR.　The DVR can support the HDD size until 2TB.

HDD Factory	Type	Size
WD	WD1600AVJS	160 GB
	WD2500AVJS	250 GB
	WD3200AVJS	320 GB
	WD5000AVVS	500 GB
	WD6400AVVS	640 GB
	WD7500AVVS	750 GB
	WD10EVVS	1 TB
Hitachi	HDP725016GLA380	160 GB
	HDP725025GLA380	250 GB
	HDT721032SLA360	320 GB
	HDP725050GLA360	500 GB
	HDT721064SLA360	640 GB
	HDS721075KLA330	750 GB
	HDT721010SLA360	1 TB

NOTE：
The DVR almost support all HDD on the market.　The list is the reference data for user.

24. Support USB Flash and DVD List

There are many USB Flash and DVD spec. Please suggest the list to buy the applicable hardware that combine with the DVR.

Type	Format
USB-Storage Enclosures 5.25"	Macpower's Alumni Prefect USB 2.0 - PF-U2MS.
USB-Disk Storage	Transcend's JetFlash 150/V60 Series,
	Apacer's Handy Steno AH220,
	Pretec's i-Disk Wave 512M-Black
	Kingston's Data Traveler USB Flash Driver(DTI/512FE)
	SanDisk's Cruzer micro USB Flash Driver
	Sony's MICRO VAULT Classic Series
DVD Writer	Asus DRW-1608P Series
	Pioneer DVR-A11, DVR-X152 Series
	BenQ EW200G Series
	LITEON Light Scribe DVD Writer SHM-165H6S, 20X DVD Writer DX-20A4P
	Sony DVD/CD Rewritable Drive Model DRX-810UL Series
	NEC DVD/CD Rewritable Drive Model ND-4550A Series
	HP dvd9404e External 18X Super Multi DVD Writer Series
	Infomedia DVD+R 16X
	Mitsubishi DVD+RW 1-4X
	Philips DVD+RW 1-4X
	Ritek DVD-R 8X
	Ritek DVD+RW 1-4X
	Verbatim DVD+RW 1-4X

25.　PDA / Mobile Phone Remote Access

The digital video/audio recorder can also be remotely accessed by using a web browser installed on a PDA or mobile phone.

(1) Supports **xHTML** and **MJPEG file format**
(2) The screen resolution will at **240x320** or above.
(3) Support　i-phone / Firefox / Symbian 6.0 / Apple / Linux / Windows Mobile

Please enter the domain name or IP address of the digital video/audio recorder in the Location/Address field of the web browser, and the remote login display will be shown.
For most of the mobile devices, the DVR will automatically redirect to the correct web page, EX. http://192.168.1.89/wap.htm for IP address http://192.168.1.89.
If not, please enter the full address with /wap htm The use may need to enter http://192.168.1.89:800/wap.htm if HTTP port has been changed to 800.)
Please enter the correct login name and password for the digital video/audio recorder to login the system, and the screen will be shown as below.

26. Firefox browser Remote Access

Users want to use Firefox browser to access the system, make sure that the following:

1. Execute Firefox.
2. Login "http://ietab.mozdev.org" web,
3. Select Tools>IE Tab option.
4. Select Sites Filter.
5. Select "Sites list here will always render using embedded IE",and add the s
   http://xxx.xxx.xxx.xxx/ie.htm sites to the local pc.

ietab ■■■■■■
🆔 resources: Home | Installation | Source Code | Members | Bugs | Screenshots

Installation

The IE Tab latest version, you can download it from the following link.

🔲 **Download IE Tab from AMO(MozillaUpdate)**

Or you can download IE Tab from the following alternative link.
Just right-click **"Save link as..."**, and drag downloaded **xpi** file into browser window to manually install.

6. Enter DVR path http://xxx.xxx.xxx.xxx/ie.htm